



PRICE LIST 04/2024

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LASER DIODES



UV laser diodes
cw mode
5.6 mm package
375 - 1770 nm

| Laser Diodes UV 375 - 400 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|--------|----------|----------|
| RLU4116E, 375 ±5 nm, 70 mW, 40°C, 5.6 mm | | | 6.188,00 | 6.586,27 |
| RLU7216E, 375 ±5 nm, 200 mW, 30°C, 5.6 mm | | | 6.199,00 | 6.597,98 |
| SHD38200MG, 380 nm, 200 mW, MM, 30°C, 5.6 mm, without PD | | | 440,50 | 468,85 |
| SHD39300MGE, 390 nm, 300 mW, MM, 30°C, 5.6 mm, without PD | NEW | | 343,00 | 365,08 |
| RLU4316E, 395 ±5 nm, 120 mW, 30°C, 5.6 mm | | | 6.406,00 | 6.818,30 |
| RLT395-300MGE, 395 ±10 nm, 300 mW, MM, 5.6 mm, without PD | | | 280,50 | 298,55 |
| Laser Diodes VIOLET 405 - 415 nm | Status | MOQ | EUR / pc | USD / pc |
| RLT405-10MGS, 405 nm, 10 mW, SM, 75°C, 5.6 mm | | | 35,70 | 38,00 |
| RLT405-20MG, 405 nm, 20 mW, 5.6 mm | EOL | | 19,90 | 21,18 |
| DL-4146-101S, 405 nm, 20 mW, 75°C, 5.6 mm, SANYO | | | 18,60 | 19,80 |
| DL-5146-101S, 405 nm, 40 mW, 75°C, 5.6 mm, SANYO | | | 25,43 | 27,07 |
| RLT405-50MG, 405 nm, 50 mW, 5.6 mm | EOL | | 23,40 | 24,91 |
| RLT405-120MGE, 405 nm, 120 mW, SM, 70°C, 5.6 mm, without PD | | | 142,40 | 151,57 |
| RLT405-120MGS, 405 nm, 120 mW, SM, 70°C, 5.6 mm | | | 145,00 | 154,33 |
| SHD40150MG, 405 nm, 150 mW, SM, 75°C, 5.6 mm, p-type | NEW | | 73,80 | 78,55 |
| HL40041MG, 404 ±6 nm, 150 mW cw, MM, 50°C, 5.6 mm TO | | | 93,32 | 99,33 |
| RLT405-150MGE, 405 nm, 150 mW, SM, 70°C, 5.6 mm, without PD | | | 166,20 | 176,90 |
| RLT405-150MGS, 405 nm, 150 mW, SM, 70°C, 5.6 mm | | | 142,90 | 152,10 |
| HL40162MG, 405 ±5 nm, 175 mW cw, SM, 85°C, 5.6 mm TO, N-Type | | | 299,50 | 318,78 |
| HL40161MG, 405 ±5 nm, 175 mW cw, SM, 85°C, 5.6 mm TO, P-Type | | | 299,50 | 318,78 |
| HL40163MG, 405 ±5 nm, 175 mW cw, SM, 85°C, 5.6 mm TO, no PD | | | 403,20 | 429,15 |
| RLT405-200MGS, 405 nm, 200 mW, SM, 70°C, 3.8 mm, without PD | | | 251,40 | 267,58 |
| RLV4512, 405 nm, 200 mW, 70°C, 5.6 mm, without PD | | | 183,48 | 195,29 |
| RLT405-250MGS, 405 nm, 250 mW, SM, 70°C, 5.6 mm, without PD | | | 379,80 | 404,24 |
| SHD40300MGE, 405 nm, 300 mW, MM, 50°C, 5.6 mm, without PD | NEW | | 52,40 | 55,77 |
| RLT405-300MGE, 405 nm, 300 mW, SM, 70°C, 5.6 mm, without PD | | 3 pcs. | 404,60 | 430,64 |
| HL40071MG, 405 ±5 nm, 300 mW cw, SM, 70°C, 5.6 mm TO | | | 445,95 | 474,65 |
| RLT405-400MGE, 405 nm, 400 mW, MM, 5.6 mm, without PD | | | 163,90 | 174,45 |
| HL40093MG, 404 ±6 nm, 400 mW cw, MM, 30°C, 5.6 mm TO, no PD | | | 154,69 | 164,65 |
| SHD40600MGE, 405 nm, 600 mW, MM, 30°C, 5.6 mm, without PD | | | 88,10 | 93,77 |
| RLT405-600MGE, 405 nm, 600 mW, MM, 5.6 mm, without PD | | 2 pcs. | 142,90 | 152,10 |
| HL40113MG, 405 ±5 nm, 600 mW cw, MM, 30°C, 5.6 mm TO, no PD | | | 425,52 | 452,91 |
| HL40115MG, 405 ±5 nm, 600 mW cw, MM, 30°C, 5.6 mm TO, M-type | | | 540,09 | 574,85 |
| HL40173MG, 405 ±5 nm, 600 mW cw, MM, 30°C, 5.6 mm TO, no PD | | | 597,84 | 636,32 |
| HL40175MG, 405 ±5 nm, 600 mW cw, MM, 30°C, 5.6 mm TO, M-type | | | 758,43 | 807,24 |
| RLT405-1000MGE, 405 ±10 nm, 1 W, MM, 5.6 mm, without PD | | | 214,30 | 228,09 |
| HL40033G, 405 ±5 nm, 1.0 W cw, MM, 30°C, 9 mm TO, no PD | | | 463,30 | 493,12 |
| HL40085G, 405 ±5 nm, 1 W cw, MM, 30°C, 9 mm TO, M-type | | | 566,58 | 603,05 |
| RLT415-50CMG, 415 ±2 nm, 50 mW, cw, 5.6 mm, without PD | | | 1.140,00 | 1.213,37 |
| RLT415-50PMG, 415 nm, 50 mW, 200 ns pulse, MM, 40°C, 5.6 mm | EOL | | 598,00 | 636,49 |
| RLT415-200PMG, 415 nm, 200 mW, 200 ns pulse, MM, 40°C, 5.6 mm | EOL | | 850,00 | 904,71 |
| Laser Diodes BLUE 420 - 488 nm | Status | MOQ | EUR / pc | USD / pc |
| RLT420-50CMG, 420 ±2 nm, 50 mW, cw, 5.6 mm, without PD | | | 1.140,00 | 1.213,37 |
| RLT425-50CMG, 425 ±2 nm, 50 mW, cw, 5.6 mm, without PD | | | 1.140,00 | 1.213,37 |
| RLT430-50CMG, 430 ±2 nm, 50 mW, cw, 5.6 mm, without PD | | | 1.140,00 | 1.213,37 |
| RLT435-50CMG, 435 ±2 nm, 50 mW, cw, 5.6 mm, without PD | | | 1.140,00 | 1.213,37 |
| RLT440-50CMG, 440 ±2 nm, 50 mW, cw, 5.6 mm, without PD | | | 1.140,00 | 1.213,37 |
| SHD445KGZE, 440 nm, 5.0 W, MM, 60°C, 9.0 mm, Z-diode, without PD | NEW | | 45,70 | 48,64 |
| RLT445-50CMG, 445 ±2 nm, 50 mW, cw, 5.6 mm, without PD | | | 1.140,00 | 1.213,37 |
| RLT445-4W-GOP-FAC, 445 ±10 nm, 4 W, MM, 9 mm, without PD, FAC lens (square beam) | | 2 pcs. | 261,90 | 278,76 |
| LD-445-5000G, 445 nm, 5.0 W, 90°C, 9 mm, without PD | | | 85,40 | 90,90 |
| RLT450-50CMG, 450 ±2 nm, 50 mW, cw, 5.6 mm, without PD | | | 1.140,00 | 1.213,37 |
| SHD4580MG, 450 nm, 80 mW, 70°C, 5.6 mm, without PD | | | 21,70 | 23,10 |
| LD-450-100SG, 450 nm, 100 mW, 70°C, 3.8 mm, without PD | | | 23,20 | 24,69 |
| RLT450-100MGE, 450 ±10 nm, 100 mW, TO18, SM, without PD | | | 45,10 | 48,00 |
| SHD452KMGE, 450 nm, 1.8 W, MM, 50°C, 5.6 mm, without PD | NEW | | 41,40 | 44,06 |
| LD-450-2000MG, 447 nm, 2.0 W, 85°C, 5.6 mm, Z-diode, without PD | NEW | | 36,90 | 39,27 |
| LD-450-3000G, 450 nm, 3.0 W, 85°C, 9 mm, without PD | | | 67,50 | 71,84 |
| NLD453500G, 450 nm, 3.5 W, 50°C, 9 mm, without PD | | | 184,00 | 195,84 |
| RLT455-50CMG, 455 ±2 nm, 50 mW, cw, 5.6 mm, without PD | | | 1.140,00 | 1.213,37 |
| RLT455-5W-GOP, 455 ±10 nm, 5 W, MM, 9 mm, without PD | | | 167,00 | 177,75 |

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|---|--------|---------------|------------|-----------------|-----------------|
| RLT455-5W-GOP-FAC, 455 ±10 nm, 5 W, MM, 9 mm, without PD, FAC lens (square beam) | | 240,90 | 256,40 | | |
| RLT455-5W5-GOP-CL, 455 ±10 nm, 5.5 W, MM, 9 mm, without PD, collimating lens | | 107,10 | 113,99 | | |
| RLT460-50CMG, 460 ±2 nm, 50 mW, cw, 5.6 mm, without PD | | 1.140,00 | 1.213,37 | | |
| RLT465-50CMG, 465 ±2 nm, 50 mW, cw, 5.6 mm, without PD | | o.r. | o.r. | | |
| RLT465-3W-GOP, 465 ±10 nm, 3 W, MM, 9 mm, without PD | | 309,50 | 329,42 | | |
| RLT465-3W-GOP-CL, 465 ±10 nm, 3 W, MM, 9 mm, Collimating lens | | 357,10 | 380,08 | | |
| RLT465-3W-GOP-FAC, 465 ±10 nm, 3 W, MM, 9 mm, without PD, FAC lens (square beam) | 2 pcs. | 309,50 | 329,42 | | |
| RLT470-50CMG, 470 ±2 nm, 50 mW, cw, 5.6 mm, without PD | | o.r. | o.r. | | |
| RLA4116, 473 ±5 nm, 100 mW, 60°C, 5.6 mm | | 6.199,00 | 6.597,98 | | |
| RLT480-60MGE, 480 ±5 nm, 60 mW, TO18, SM, without PD | 2 pcs. | 219,10 | 233,20 | | |
| RLT480-80MGE, 480 ±5 nm, 80 mW, TO18, SM, without PD | 2 pcs. | 328,60 | 349,75 | | |
| SHD4850MG, 488 nm, 50 mW, 60°C, 5.6 mm, without PD | | 142,80 | 151,99 | | |
| RLS4216, 488 ±5 nm, 200 mW, 60°C, 5.6 mm | | 6.687,00 | 7.117,39 | | |
| RLT488-60MGE, 488 ±10 nm, 60 mW, TO18, SM, without PD | | 223,40 | 237,78 | | |
| RLT488-80MGE, 488 ±10 nm, 80 mW, TO18, SM, without PD | 2 pcs. | 328,60 | 349,75 | | |
| RLT488-100MGE, 488 ±10 nm, 100 mW, TO18, SM, without PD | | 359,70 | 382,85 | | |
| RLT495-60MGE, 495 ±5 nm, 60 mW, TO18, SM, without PD | 3 pcs. | 242,80 | 258,43 | | |
| RLT495-80MGE, 495 ±5 nm, 80 mW, TO18, SM, without PD | | 299,50 | 318,78 | | |
| Laser Diodes GREEN 510 - 520 nm | | Status | MOQ | EUR / pc | USD / pc |
| SHD5210MG, 520 nm, 10 mW, SM, 60°C, 5.6 mm, p-type | | NEW | | 14,10 | 15,01 |
| RLT510-50MGS, 510 nm, 50 mW, SM, 60°C, 5.6 mm, without PD | | | | 166,20 | 176,90 |
| RLT510-80MGS, 510 nm, 80 mW, SM, 60°C, 5.6 mm, without PD | | | | 202,00 | 215,00 |
| LD-515-10MG, 515 nm, 10 mW, 60°C, 5.6 mm | | | | 17,90 | 19,05 |
| ADL-52051SM, 520 nm, 5 mW, 50°C, 3.3 mm, integrated LD driver, APC, 6 VDC | | NEW | | 18,60 | 19,80 |
| ADL-52051SW, 520 nm, 5 mW, 50°C, 3.3 mm, integrated LD driver, APC, 6 VDC | | NEW | | 18,60 | 19,80 |
| ADL-52101SM, 520 nm, 10 mW, 50°C, 3.3 mm, integrated LD driver, APC, 6 VDC | | NEW | | 22,60 | 24,05 |
| ADL-52101SW, 520 nm, 10 mW, 50°C, 3.3 mm, integrated LD driver, APC, 6 VDC | | NEW | | 22,60 | 24,05 |
| ADL-52151SM, 520 nm, 15 mW, 50°C, 3.3 mm, integrated LD driver, APC, 6 VDC | | NEW | | 23,90 | 25,44 |
| LD-520-30SG, 520 nm, 30 mW, 70°C, 3.8 mm, without PD | | | | 63,40 | 67,48 |
| SHD5230MG, 520 nm, 30 mW, SM, 60°C, 5.6 mm, p-type | | NEW | | 14,50 | 15,43 |
| LD-520-50MG, 520 nm, 50 mW, 60°C, 5.6 mm | | | | 48,00 | 51,09 |
| LD-520-80SG, 520 nm, 80 mW, 60°C, 3.8 mm, without PD | | | | 69,90 | 74,40 |
| SHD5250MG, 520 nm, 50 mW, SM, 60°C, 5.6 mm, p-type | | NEW | | 32,80 | 34,91 |
| RLT520-80MGE, 520 ±10 nm, 80 mW, TO18, SM, without PD | | | 3 pcs. | 104,30 | 111,01 |
| SHD5280MG, 520 nm, 80 mW, SM, 60°C, 5.6 mm, p-type | | NEW | | 44,30 | 47,15 |
| RLT520-80MGS, 520 nm, 80 mW, SM, 60°C, 5.6 mm | | | | 99,26 | 105,65 |
| LD-520-110SG, 520 nm, 110 mW, SM, 70°C, 3.8 mm, without PD | | | | 59,70 | 63,54 |
| SHD52130MGE, 520 nm, 130 mW, SM, 60°C, 5.6 mm, without PD | | NEW | | 54,80 | 58,33 |
| GH0521DE2G, 520 nm, 130 mW, 60°C, 5.6mm, no PD | | | | 79,00 | 84,08 |
| RLT520-140MGE, 520 nm, 140 mW, SM, 60°C, 5.6 mm, without PD | | | | 121,00 | 128,79 |
| SHD52300MGE, 520 nm, 300 mW, MM, 60°C, 5.6 mm, without PD | | NEW | | 44,30 | 47,15 |
| RLT520-300MGE, 520 ±10 nm, 300 mW, MM, 5.6 mm, without PD | | | | 71,40 | 76,00 |
| RLT520-600GOP, 520 ±15 nm, 600 mW, MM, 9 mm, without PD | | | 2 pcs. | 145,70 | 155,08 |
| SHD521KGE, 520 nm, 1.0 W, MM, 60°C, 9.0 mm, without PD | | NEW | | 80,90 | 86,11 |
| NLD521000G, 520 nm, 1 W, 50°C, 9 mm, without PD | | | | 219,00 | 233,10 |
| RLT520-1W5-GOP, 520 ±15 nm, >1.3 W, MM, 9 mm, without PD | | | | 251,40 | 267,58 |
| RLT520-1W5-GOP-CL, 520 ±15 nm, >1.3 W, MM, 9 mm, without PD, collimating lens | | | | 208,50 | 221,92 |
| RLT520-1W5-GOP-FAC, 520 ±15 nm, >1.3 W, MM, 9 mm, without PD, with FAC lens (line beam) | | | | 293,30 | 312,18 |
| Laser Diodes RED 635 - 655 nm | | Status | MOQ | EUR / pc | USD / pc |
| HL63163DG, 633 ±3 nm, 100 mW cw, SM, 40°C, 5.6 mm TO, no PD | | | | 153,74 | 163,64 |
| S6305MG, 635 nm, 5 mW, SM, 50°C, 5.6 mm | | | | 4,82 | 5,13 |
| QL63D5SA, 635 nm, 5 mW, SM, 50°C, 5.6 mm | | | | 6,03 | 6,42 |
| ADL-63102TL, 635 nm, 10 mW, SM, 50°C, 5.6 mm | | | | 14,76 | 15,71 |
| S6310MG, 635 nm, 10 mW, SM, 5.6 mm | | | | 15,79 | 16,81 |
| QL63F5SA, 635 nm, 10 mW, SM, 50°C, 5.6 mm | | | | 15,25 | 16,23 |
| QL63H5SA-R1, 639 nm, 20 mW, SM, 50°C, 5.6 mm | | | | 19,90 | 21,18 |
| ADL-63301TL, 635 nm, 30 mW, SM, 40°C, 5.6 mm | | | | 30,90 | 32,89 |
| ADL-63302TL, 635 nm, 30 mW, SM, 50°C, 5.6 mm | | | | 34,50 | 36,72 |
| RLT635-100G, 635 nm, 100 mW, MM, 9 mm, without PD | | | | 154,00 | 163,91 |
| RLT635-150-C, 635 nm, 150 mW, MM, C-mount | | | | 219,00 | 233,10 |
| RLT635-150-TO3, 635 nm, 150 mW, MM, TO-3 | | | | 179,90 | 191,48 |
| RLT635-300-TO3, 635 nm, 300 mW, MM, TO-3 | | | | 369,00 | 392,75 |
| RLT635-500-TO3, 635 nm, 500 mW, MM, TO-3 | | | | 444,00 | 472,58 |
| RLT635-30MGS, 638 nm, 30 mW, SM, 40°C, 5.6 mm | | | | 38,10 | 40,55 |
| RLT635-50MGS, 638 nm, 50 mW, SM, 50°C, 5.6 mm | | | | 68,20 | 72,59 |
| RLT635-180MGE, 638 nm, 180 mW, SM, 50°C, 5.6 mm, without PD | | | | 59,50 | 63,33 |
| RLT635-200MGS, 638 nm, 200 mW, SM, 60°C, 5.6 mm | | | | 71,40 | 76,00 |
| HL63101MG, 637 +3/-7 nm, 5 mW cw, SM, 60°C, 5.6 mm TO, P-type | | | | 7,50 | 7,98 |
| HL63102MG, 637 +3/-7 nm, 5 mW cw, SM, 60°C, 5.6 mm TO, N-type | | | | 7,50 | 7,98 |
| HL6312G, 638 +2/-13 nm, 5 mW cw, SM, 50°C, 9 mm TO | | | | 18,03 | 19,19 |
| HL6319G, 638 +2/-13 nm, 10 mW cw, SM, 50°C, 9 mm TO, P-type | | | | 40,42 | 43,02 |
| HL6320G, 638 +2/-13 nm, 10 mW cw, SM, 50°C, 9 mm TO, N-type | | | | 42,17 | 44,88 |

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| HL6321G, 638 +/-8 nm, 15 mW cw, SM, 50°C, 9 mm TO, P-type | | 57,47 | 61,17 |
| HL6322G, 638 +/-8 nm, 15 mW cw, SM, 50°C, 9 mm TO, N-type | | 51,50 | 54,81 |
| HL6323MG, 639 +/-4 nm, 30 mW cw, SM, 50°C, 5.6 mm TO | | 89,00 | 94,73 |
| HL63142DG, 637 ±5 nm, 100 mW cw, SM, 50°C, 5.6 mm TO | | 172,94 | 184,07 |
| HL63603TG, 638 +/-6 nm, 120 mW cw, SM, 60°C, 3.8 mm TO, no PD | | 37,41 | 39,82 |
| HL63153AT, 638 ±5 nm, 150 mW cw, SM, 60°C, 3.8 mm TO | | 49,85 | 53,06 |
| HL63133DG, 638 ±5 nm, 170 mW cw, SM, 40°C, 5.6 mm TO, no PD | | 75,87 | 80,75 |
| HL63263DG, 638 ±5 nm, 200 mW cw, SM, 40°C, 5.6 mm TO, no PD | | 98,78 | 105,14 |
| ADL-63V0BTP, 638 nm, 500 mW, MM, 30°C, 5.6 mm, without PD | | 69,90 | 74,40 |
| HL63193MG, 638 ±5 nm, 700 mW cw, MM, 40°C, 5.6 mm TO, no PD | | 37,18 | 39,57 |
| HL63192DG, 638 -6/+5 nm, 700 mW cw, MM, 30°C, 5.6 mm TO, N-type | | 74,80 | 79,61 |
| RLT635-700MGE, 638 ±10 nm, 700 mW, MM, 5.6 mm, without PD | 2 pcs. | 52,30 | 55,67 |
| ADL-63T01NP, 638 nm, 800 mW, MM, 30°C, 9 mm, no PD | | 106,90 | 113,78 |
| RLT635-1W-GOP, 638 ±10 nm, 1 W, MM, 9 mm, without PD | 2 pcs. | 119,00 | 126,66 |
| RLT635-1W-GOP-FAC, 638 ±10 nm, 1 W, MM, 9 mm, FAC lens (square beam) | 2 pcs. | 214,30 | 228,09 |
| HL63373HD, 638 ±6 nm, 1 W cw, MM, 45°C, 9 mm TO, no PD | | 72,97 | 77,67 |
| RLT635-2W-GOP, 638 ±10 nm, 2 W, MM, 9 mm | | 178,60 | 190,10 |
| RLT635-2W-GOP-FAC, 638 ±10 nm, 2 W, MM, 9 mm, FAC lens (square beam) | | 261,90 | 278,76 |
| HL63283HD, 637 ±5 nm, 1.2 W cw, MM, 45°C, 9 mm TO, no PD | | 74,09 | 78,86 |
| HL63623HD, 638 ±6 nm, 1.5 W cw, MM, 55°C, 9 mm TO, no PD | | 86,02 | 91,56 |
| HL63290HD, 638 ±5 nm, 2.0 W cw, 2 chips, MM, 45°C, 9 mm TO, no PD | | 102,25 | 108,83 |
| HL63520HD, 638 ±6 nm, 2.4 W cw, 2 chips, MM, 55°C, 9 mm TO, no PD | | 103,48 | 110,14 |
| HL6358MG, 639 +/-9 nm, 10 mW cw, SM, 50°C, 5.6 mm TO, N-type | | 11,05 | 11,76 |
| HL6359MG, 639 +/-9 nm, 10 mW cw, SM, 50°C, 5.6 mm TO, P-type | | 11,05 | 11,76 |
| HL6395MG, 639 ±5 nm, 10 mW cw, SM, 60°C, 5.6 mm TO, P-type | | 21,10 | 22,46 |
| HL6396MG, 639 ±5 nm, 10 mW cw, SM, 60°C, 5.6 mm TO, N-type | | 21,10 | 22,46 |
| HL6360MG, 639 +/-9 nm, 20 mW cw, SM, 50°C, 5.6 mm TO, N-type | | 19,44 | 20,69 |
| HL6361MG, 639 +/-9 nm, 20 mW cw, SM, 50°C, 5.6 mm TO, P-type | | 28,35 | 30,17 |
| HL6397MG, 639 +/-9 nm, 20 mW cw, SM, 60°C, 5.6 mm TO, P-type | | 34,52 | 36,74 |
| HL6398MG, 639 +/-9 nm, 20 mW cw, SM, 60°C, 5.6 mm TO, N-type | | 34,52 | 36,74 |
| HL63583HD, 639 +/-6 nm, 200 mW cw, SM, 50°C, 5.6 mm TO, no PD | | 84,69 | 90,14 |
| HL63583DG, 639 +/-6 nm, 200 mW cw, SM, 50°C, 5.6 mm TO, no PD | | 84,69 | 90,14 |
| HL63391DG, 639 ±5 nm, 200 mW cw, SM, 60°C, 5.6 mm TO, P-type | EOL | 111,12 | 118,27 |
| HL63392DG, 639 ±5 nm, 200 mW cw, SM, 60°C, 5.6 mm TO, N-type | EOL | 111,12 | 118,27 |
| S6430MG, 640 nm, 30 mW, SM, 50°C, 5.6 mm | | 28,40 | 30,23 |
| HL6362MG, 640 ±5 nm, 40 mW cw, SM, 50°C, 5.6 mm TO, N-type | | 75,94 | 80,83 |
| HL6363MG, 640 ±5 nm, 40 mW cw, SM, 50°C, 5.6 mm TO, P-type | | 75,94 | 80,83 |
| ADL-63501TL, 640 nm, 50 mW, SM, 50°C, 5.6 mm | | 52,90 | 56,30 |
| HL63653TG, 640 ±5 nm, 200 mW cw, SM, 60°C, 3.8 mm TO, no PD | | 47,40 | 50,45 |
| HL6366DG, 642 +/-7 nm, 80 mW cw, SM, 50°C, 5.6 mm TO, N-type | | 126,84 | 135,00 |
| HL6367DG, 642 +/-7 nm, 80 mW cw, SM, 50°C, 5.6 mm TO, P-type | | 133,74 | 142,35 |
| HL65014DG, 648.5 ±2 nm, 150 mW cw, SM, 40°C, 5.6 mm TO, no PD | | 758,11 | 806,90 |
| RLT65300T, 650 nm, 300 mW, MM, TO-3, without PD | | 152,00 | 161,78 |
| RLT650-500-T, 650 nm, 500 mW, MM, TO-3, without PD | | 275,00 | 292,70 |
| RLT650-1000-C, 650 nm, 1 W, MM, C-mount | EOL | 395,00 | 420,42 |
| RLT650-1W-T, 658 nm, 1 W, multimode, 150x1 µm, TO-3 | | 453,20 | 482,37 |
| QL65D5SA, 650 nm, 5 mW, SM, 50°C, 5.6 mm | | 3,19 | 3,40 |
| QL65D6SA, 655 nm, 5 mW, SM, 60°C, 5.6 mm | | 8,60 | 9,15 |
| S6505MG, 655 nm, 5 mW, SM, 5.6 mm | | 3,57 | 3,80 |
| ADL-65052TL, 655 nm, 5 mW, SM, 50°C, 5.6 mm, lowest operating current typ. 16 mA | | 3,40 | 3,62 |
| ADL-65055TA4, 655 nm, 5 mW, SM, 50°C, 5.6 mm, integrated LD driver, APC, 3.0 VDC | | 3,95 | 4,20 |
| QL65E7SB, 655 nm, 7 mW, SM, 70°C, 5.6 mm | | 8,43 | 8,97 |
| QL65E7SC, 655 nm, 7 mW, SM, 70°C, 5.6 mm | | 8,43 | 8,97 |
| QL65E8SA, 655 nm, 7 mW, SM, 85°C, 5.6 mm | | 15,72 | 16,73 |
| ADL-65075SL, 655 nm, 7 mW, SM, 70°C, 3.3 mm, small package | | 7,04 | 7,49 |
| ADL-65075SR, 655 nm, 7 mW, SM, 70°C, 3.3 mm, small package | | 5,10 | 5,43 |
| ADL-65077SU, 655 nm, 7 mW, SM, 70°C, 3.3 mm, small package | | 8,75 | 9,31 |
| ADL-65074TR, 655 nm, 7 mW, SM, 85°C, 5.6 mm, high temperature | | 6,77 | 7,21 |
| ADL-65074TL, 655 nm, 7 mW, SM, 85°C, 5.6 mm, high temperature | | 6,77 | 7,21 |
| ADL-65075TA4, 650 nm, 7 mW, SM, 70°C, 5.6 mm, integrated LD driver, APC, 3.0 VDC | | 7,14 | 7,60 |
| QL65F6SA, 655 nm, 10 mW, SM, 60°C, 5.6 mm | | 6,49 | 6,91 |
| QL65F7SA, 655 nm, 10 mW, SM, 70°C, 5.6 mm, high temperature | | 13,10 | 13,94 |
| S6510MG, 655 nm, 10 mW, SM, 5.6 mm | | 9,54 | 10,15 |
| S6530MG, 660 nm, 30 mW, MM, 5.6 mm | | 29,60 | 31,51 |
| QL65I7SA, 655 nm, 30 mW, SM, 70°C, 5.6 mm | | 29,90 | 31,82 |
| HL6501MG, 658 +/-13 nm, 30 mW cw, SM, 60°C, 5.6 mm TO | | 25,89 | 27,56 |
| RLT650-50MGS, 658 nm, 50 mW, SM, 60°C, 5.6 mm | | 47,60 | 50,66 |
| HL65261MG, 658 +/-6 nm, 80 mW cw, SM, 60°C, 5.6 mm TO, P-type | | 25,95 | 27,62 |
| HL65262MG, 658 +/-6 nm, 80 mW cw, SM, 60°C, 5.6 mm TO, N-type | | 25,95 | 27,62 |
| HL65263MG, 658 +/-6 nm, 80 mW cw, SM, 60°C, 5.6 mm TO, no PD | | 25,95 | 27,62 |
| HL65264MG, 658 +/-6 nm, 80 mW cw, SM, 60°C, 5.6 mm TO, no PD | | 25,95 | 27,62 |
| RLT650-100MGS, 658 nm, 100 mW, SM, 60°C, 5.6 mm | | 126,00 | 134,11 |
| RLT650-100MGE, 658 nm, 100 mW, SM, 60°C, 5.6 mm, without PD | | 33,40 | 35,55 |

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|--|---------------|------------|-----------------|
| RLT650-150MGE, 658 nm, 150 mW, SM, 60°C, 5.6 mm, without PD | | 42,90 | 45,66 |
| RLT650-180MGE, 658 nm, 180 mW, SM, 50°C, 5.6 mm, without PD | | 47,62 | 50,68 |
| RLT650-1W-C, 658 nm, 1 W, multimode, 150x1 µm, C-mount | 2 pcs. | 247,60 | 263,54 |
| HL65213HD, 659 ±5 nm, 1.2 W cw, MM, 45°C, 9 mm TO, no PD | | 330,75 | 352,04 |
| Laser Diodes RED 660 - 690 nm | Status | MOQ | EUR / pc |
| RLT6615G, 660 nm, 15 mW, SM, 9 mm | EOL | | 16,00 |
| ADL-66201TL, 660 nm, 20 mW, SM, 60°C, 5.6 mm | | | 28,80 |
| ADL-66302TL, 660 nm, 30 mW, SM, 60°C, 5.6 mm | | | 28,80 |
| QL65J7SA, 660 nm, 50 mW, SM, 75°C, lop typ. 90 mA, 5.6 mm | | | 64,60 |
| QL65J7SC, 660 nm, 50 mW, SM, 75°C, lop typ. 90 mA, 5.6 mm | | 20 pcs. | 52,90 |
| ADL-66505TL, 660 nm, 50 mW, SM, 60°C, 5.6 mm, high temp., high power, high reliability | | | 39,80 |
| RLT6650G, 660 nm, 50 mW, SM, 9 mm | EOL | | 190,80 |
| RLT6650GLI, 665 nm, 50 mW, MM, 9 mm | EOL | | 222,60 |
| RLT6660MG, 660 nm, 60 mW, SM, 5.6 mm, without PD | EOL | | 64,66 |
| RLT6680MG, 660 nm, 80/160 mW, cw/pulse, SM, 5.6 mm, without PD | EOL | | 76,00 |
| RLT66100MGOP, 660 nm, 100 mW, MM, 5.6 mm, without PD | | | 44,00 |
| RLT66100MG, 660 nm, 100 mW, MM, 5.6 mm | | | 52,80 |
| S66100MG, 660 nm, 100 mW, MM, 50°C, lop typ. 190 mA, 5.6 mm | | | 37,00 |
| HL65241DG, 660 +5/-8 nm, 100 mW cw, SM, 90°C, 5.6 mm TO, P-type | | | 90,34 |
| HL65242DG, 660 +5/-8 nm, 100 mW cw, SM, 90°C, 5.6 mm TO, N-type | | | 90,34 |
| HL65243DG, 660 +5/-8 nm, 100 mW cw, SM, 90°C, 5.6 mm TO, no PD | | | 81,92 |
| HL65051DG, 660 +5/-8 nm, 120 mW cw, SM, 40°C, 5.6 mm TO | | | 69,01 |
| HL6545MG, 660 +4/-8 nm, 120 mW cw, SM, 75°C, 5.6 mm TO, no PD | | | 29,22 |
| HL65231DG, 660 +5/-8 nm, 150 mW cw, SM, 75°C, 5.6 mm TO, P-type | | | 77,51 |
| HL65232DG, 660 +5/-8 nm, 150 mW cw, SM, 75°C, 5.6 mm TO, N-type | | | 77,51 |
| HL65233DG, 660 +5/-8 nm, 150 mW cw, SM, 75°C, 5.6 mm TO, no PD | | | 69,08 |
| HL65221DG, 660 +5/-8 nm, 200 mW cw, SM, 75°C, 5.6 mm TO, P-type | | | 104,45 |
| HL65222DG, 660 +5/-8 nm, 200 mW cw, SM, 75°C, 5.6 mm TO, N-type | | | 104,45 |
| HL65223DG, 660 +5/-8 nm, 200 mW cw, SM, 75°C, 5.6 mm TO, no PD | | | 96,03 |
| S66150MG, 660 nm, 150 mW, MM, 50°C, lop typ. 280 mA, 5.6 mm | | | 42,00 |
| RLT660-1W-C, 660 ±10 nm, 1 W, MM, C-Mount | | 2 pcs. | 190,50 |
| RLT660-1W-E, 660 ±10 nm, 1 W, MM, E-Mount | | 2 pcs. | 238,10 |
| RLT660-1W5-C, 660 ±10 nm, 1.5 W, MM, C-Mount | | 2 pcs. | 350,60 |
| RLT660-1W5-E, 660 ±10 nm, 1.5 W, MM, E-Mount | | 2 pcs. | 404,60 |
| QL67D6SA, 670 nm, 5 mW, SM, 60°C, 5.6 mm | | | 8,30 |
| S6705MG, 670 nm, 5 mW, SM, 5.6 mm | | | 6,20 |
| QL67F7SA, 670 nm, 10 mW, SM, 70°C, 5.6 mm | | 50 pcs. | 26,90 |
| HL67191MG, 670 ±10 nm, 15 mW cw, SM, 70°C, 5.6 mm TO, P-type | | | 44,10 |
| HL67192MG, 670 ±10 nm, 15 mW cw, SM, 70°C, 5.6 mm TO, N-type | | | 44,10 |
| RLT67300T, 670 nm, 300 mW, MM, TO-3, without PD | | | 199,00 |
| RLT67300C, 670 nm, 300 mW, MM, C-Mount | | | 199,00 |
| HL67001DG, 675 ±5 nm, 200 mW cw, SM, 75°C, 5.6 mm TO, P-type | | | 673,77 |
| RLT680-1W-C, 680 nm, 1 W, MM, 150x1 µm, C-mount | | 2 pcs. | 392,70 |
| QL68J6SA, 685 nm, 30 mW, 60°C, SM, 5.6 mm | | | 49,90 |
| QL68J6SA, 685 nm, 50 mW, 60°C, SM, 5.6 mm | | | 61,60 |
| HL6750MG, 685 ±10 nm, 50 mW cw, SM, 70°C, 5.6 mm TO | | | 52,45 |
| HL6738MG, 690 +5/-10 nm, 30 mW cw, SM, 70°C, 5.6 mm TO | | | 25,70 |
| HL69001DG, 690 ±5 nm, 200 mW cw, SM, 75°C, 5.6 mm TO, P-type | | | 1.357,83 |
| RLT690-1W-C, 690 ±10 nm, 1 W, MM, C-Mount | | 2 pcs. | 712,10 |
| Laser Diodes INFRARED 705 - 808 nm | Status | MOQ | EUR / pc |
| HL7001MG, 705 ±10 nm, 40 mW cw, SM, 60°C, 5.6 mm TO, P-type | | | 204,16 |
| HL7002MG, 705 ±10 nm, 40 mW cw, SM, 60°C, 5.6 mm TO, N-type | | | 204,16 |
| RLT700-50MGS, 700 nm, 50 mW, SM, 60°C, 5.6 mm | | | 738,00 |
| HL7301MG, 730 ±10 nm, 40 mW cw, SM, 60°C, 5.6 mm TO, P-type | | | 204,16 |
| HL7302MG, 730 ±10 nm, 40 mW cw, SM, 60°C, 5.6 mm TO, N-type | | | 204,16 |
| RLT730-50MGS, 730 nm, 50 mW, SM, 60°C, 5.6 mm | | | 738,00 |
| RLT735-10GS, 735 nm, 10 mW, SM, 9 mm | | | 479,00 |
| RLT760-10GS, 760 nm, 10 mW, SM, 9 mm | | | 380,00 |
| RLT760-5W-E, 760 ±10 nm, 5 W, MM, E-Mount | | 2 pcs. | 285,70 |
| RLT760-5W-H, 760 ±10 nm, 5 W, MM, H-Mount | | 2 pcs. | 357,10 |
| QL78D6SA, 780 nm, 5 mW, SM, 60°C, 5.6 mm | | | 6,90 |
| QL78D6SB, 780 nm, 5 mW, SM, 60°C, 5.6 mm | | | 12,94 |
| ADL-78101TL, 780 nm, 10 mW, SM, 60°C, 5.6 mm | | | 8,70 |
| QL78F6SA, 780 nm, 10 mW, SM, 60°C, 5.6 mm | | | 14,50 |
| QL78I6SA, 780 nm, 25 mW, SM, 60°C, 5.6 mm | | | 19,80 |
| QL78J6SA, 780 nm, 50 mW, SM, 60°C, 5.6 mm, n-type | | | 25,00 |
| QL78J6SB, 780 nm, 50 mW, SM, 60°C 5.6 mm, m-type | | | 30,50 |
| QL78J6SC, 780 nm, 50 mW, SM, 60°C 5.6 mm, p-type | | | 30,50 |
| RLT7870MG, 780 nm, 70 mW, SM, 5.6 mm, without PD | | | 77,18 |
| QL78M8SA, 780 nm, 90 mW, SM, 80°C, 5.6 mm | | | 67,00 |
| RLT780-150GS, 780 nm, 150 mW, SM, 9 mm, LDC=PDC | | | o.r. |
| RLT780-4W-C, 780 ±10 nm, 4 W, MM, C-Mount | | 2 pcs. | 404,60 |

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|---|--------|---------------|------------|-----------------|-----------------|
| RLT780-4W-H, 780 ±10 nm, 4 W, MM, H-Mount | 2 pcs. | 472,00 | 502,38 | | |
| RLT780-8W-E, 780 ±10 nm, 8 W, MM, E-Mount | 2 pcs. | 472,00 | 502,38 | | |
| RLT780-8W-H, 780 ±10 nm, 8 W, MM, H-Mount | 2 pcs. | 530,80 | 564,96 | | |
| ADL-78051TL, 785 nm, 5 mW, SM, 60°C, 5.6 mm | | 4,99 | 5,31 | | |
| RLT7890MG, 785 nm, 90 mW, SM, 5.6 mm, without PD | | 79,50 | 84,62 | | |
| RLT785-100MGSN, 785 nm, 100 mW, SM, 50°C, 5.6 mm | | 31,40 | 33,42 | | |
| RLT785-120MGS, 785 ±15 nm, 120 mW, TO18, Built-in PD | | 62,90 | 66,95 | | |
| RLT785-120MGSP, 785 ±15 nm, 120 mW, TO18, Built-in PD, Common LD(-) & PD(+) | 5 pcs. | 62,90 | 66,95 | | |
| RLT785-150MGS, 785 nm, 150 mW, SM, 50°C, 5.6 mm | | 166,70 | 177,43 | | |
| RLT780-1000G, 785 nm, 1 W, MM, 9 mm | 6 pcs. | 265,00 | 282,06 | | |
| RLT785-5WC, 785 nm, 5 W, MM, 30°C, C-mount | 3 pcs. | 284,00 | 302,28 | | |
| RLCT793-3WC, 793 nm, 3 W, MM, 30°C, C-mount | | 239,00 | 254,38 | | |
| RLT80805MG, 808 nm, 5 mW, SM, 5.6 mm | | 39,54 | 42,08 | | |
| RLT80810MG, 808 nm, 10 mW, SM, 5.6 mm | EOL | 25,00 | 26,61 | | |
| RLT808-150GS, 808 nm, 150 mW, SM, 9 mm | | 498,30 | 530,37 | | |
| SLD302V, SONY, 808 nm, 200 mW, MM, 9 mm | EOL | 83,74 | 89,13 | | |
| S808200MG, 808 nm, 200 mW, MM, 50 µm, 5.6 mm | | 14,90 | 15,86 | | |
| RLT808-300MG, 808 ±10 nm, 300 mW, MM, 5.6 mm | | 25,00 | 26,61 | | |
| LDM-0808-300M-91, 808 ±5 nm, 300 mW, MM, 9 mm | | 44,00 | 46,83 | | |
| LDM-0808-300M-11, 808 ±5 nm, 300 mW, MM, C-mount | | 35,00 | 37,25 | | |
| LDM-0808-300M-31, 808 ±5 nm, 300 mW, MM, TO-3 | | 40,00 | 42,57 | | |
| S808500MG, 808 nm, 500 mW, MM, 50°C, lop typ. 520 mA, 5.6 mm | | 18,70 | 19,90 | | |
| S808500G, 808 nm, 500 mW, MM, 50°C, lop typ. 520mA, 9 mm | | 29,70 | 31,61 | | |
| ADL-80V03TL, 808 nm, 500 mW, MM, 50°C, 5.6 mm | | 49,80 | 53,01 | | |
| RLT808-500MG, 808 ±10 nm, 500 mW, MM, 5.6 mm | 3 pcs. | 28,60 | 30,44 | | |
| RLT808500G, 808 nm, 500 mW, MM, 9 mm | | 24,00 | 25,54 | | |
| RLCO-808-500G, 808 nm, 500 mW, MM, 9 mm | EOL | 45,00 | 47,90 | | |
| LDM-0808-500M-92, 808 ±5 nm, 500 mW, MM, 9 mm | | 45,00 | 47,90 | | |
| LDM-0808-500M-12, 808 ±5 nm, 500 mW, MM, C-mount | | 38,30 | 40,77 | | |
| LDM-0808-500M-32, 808 ±5 nm, 500 mW, MM, TO-3 | | 44,00 | 46,83 | | |
| ADL-80Q11TZ, 808 nm, 1 W, MM, 60°C, 5.6 mm, no PD | | 47,15 | 50,18 | | |
| S8081000G, 808 nm, 1 W, MM, 50°C, lop typ. 1.2 A, 9 mm | | 62,00 | 65,99 | | |
| S8081WG, 808 nm, 1 W, MM, 50°C, lop typ. 1.2 A, 9 mm, without PD, no window glass | | 59,90 | 63,76 | | |
| LDM-0808-1000-93, 808 ±5 nm, 1 W, MM, 9 mm | | 69,90 | 74,40 | | |
| RLT808-1W-G, 808 ±10 nm, 1 W, MM, 100x1 µm, 9 mm | 3 pcs. | 83,90 | 89,30 | | |
| LDM-0808-001W-13, 808 ±5 nm, 1 W, MM, C-mount | | 41,25 | 43,90 | | |
| LDM-0808-001W-33, 808 ±5 nm, 1 W, MM, TO-3 | | 49,90 | 53,11 | | |
| RLT808-2W-GOP, 808 ±10 nm, 2 W, MM, 100x1 µm, 9 mm, without PD | 3 pcs. | 125,80 | 133,90 | | |
| LDM-0808-002W-14, 808 ±5 nm, 2 W, MM, 150 µm, C-mount | | 61,90 | 65,88 | | |
| LDM-0808-002W-35, 808 ±5 nm, 2 W, MM, TO-3 | | 70,63 | 75,18 | | |
| LDM-0808-3W-33, 808 ±5 nm, 3 W, MM, TO-3 | | 139,00 | 147,95 | | |
| RLT808-3W-TO3, 808 ±10 nm, 3 W, MM, 100x1 µm, TO-3 | 5 pcs. | 174,80 | 186,05 | | |
| RLT808-3W-C, 808 ±10 nm, 3 W, MM, C-mount | 2 pcs. | 145,70 | 155,08 | | |
| RLCO-808-4000-TO3, 808 nm, 4 W, MM, TO-3 | EOL | 157,00 | 167,10 | | |
| RLT8085000T, 808 ±5 nm, 5 W, mm, TO-3 | | 137,00 | 145,82 | | |
| RLT808-5W-C, 808 ±10 nm, 5 W, MM, C-mount | 2 pcs. | 280,50 | 298,55 | | |
| RLT8085000TF, 808 ±5 nm, 4.5 W, mm, Fast Axis Collimator, TO-3 | | 146,80 | 156,25 | | |
| LDM-0808-005W-15, 808 ±5 nm, 5 W, MM, C-mount | | 154,70 | 164,66 | | |
| RLT808-8W-E, 808 ±10 nm, 8 W, MM, E-Mount | 2 pcs. | 350,60 | 373,17 | | |
| RLT808-8W-H, 808 ±10 nm, 8 W, MM, H-Mount | 2 pcs. | 438,30 | 466,51 | | |
| RLT808-10W-E, 808 ±10 nm, 10 W, MM, E-Mount | 2 pcs. | 385,70 | 410,52 | | |
| RLT808-10W-H, 808 ±10 nm, 10 W, MM, H-Mount | 2 pcs. | 472,00 | 502,38 | | |
| Laser Diodes INFRARED 820 - 940 nm | | Status | MOQ | EUR / pc | USD / pc |
| RLT820-100GS, 820 nm, 100 mW, SM, 60°C, 9 mm | | | | 640,00 | 681,19 |
| RLT820-100MGS, 820 ±10 nm, 100 mW, SM, 50°C, 5.6 mm | 2 pcs. | | | 51,40 | 54,71 |
| RLT820-150MGS, 820 ±10 nm, 150 mW, SM, 50°C, 5.6 mm | 2 pcs. | | | 59,40 | 63,22 |
| RLT825-200MGS, 825 nm, 200 mW, SM, 60°C, 5.6 mm | | | | 538,00 | 572,63 |
| ELD83NPT5, 830 ±10 nm, 5 mW, SM, 5.6 mm | EOL | | | 32,86 | 34,97 |
| S8305MG, 830 nm, 5 mW, lop <25 mA, MM, 40°C, 5.6 mm | EOL | | | 11,44 | 12,18 |
| QL83F6SA, 830 nm, 10 mW, SM, 60°C, 5.6 mm | | | | 12,90 | 13,73 |
| RLT8320MG, 830 nm, 20 mW, SM, 5.6 mm | | | | 18,90 | 20,12 |
| QL83H6SA, 830 nm, 20 mW, SM, 60°C, 5.6 mm | | | | 19,90 | 21,18 |
| RLT8340MG, 830 nm, 40 mW, SM, 40°C, 5.6 mm | | | | 76,32 | 81,23 |
| S8350MG, 830 nm, 50 mW, SM, 50°C, lop typ. 62 mA, 5.6 mm | | | | 28,40 | 30,23 |
| HL83013MG, 830 ±10 nm, 50 mW cw, SM, 60°C, 5.6 mm TO, no PD | | | | 37,89 | 40,33 |
| HL8337MG, 830 ±10 nm, 50 mW cw, SM, 60°C, 5.6 mm TO, N-type | | | | 47,73 | 50,80 |
| HL8338MG, 830 ±10 nm, 50 mW cw, SM, 60°C, 5.6 mm TO, P-type | | | | 40,02 | 42,60 |
| ADL-83Z01TL, 830 nm, 100 mW, SM, 60°C, 5.6 mm | | | | 36,90 | 39,27 |
| S83100MG, 830 nm, 100 mW, MM, 50°C, lop typ. 115 mA, 5.6 mm | | | | 36,20 | 38,53 |
| RLT830-100MGS, 830 nm, 100 mW, SM, 50°C, 5.6 mm | | | | 37,00 | 39,38 |
| RLT830-100GS, 830 nm, 100 mW, SM, 9 mm | | | | 191,74 | 204,08 |
| RLT830-150MGS, 830 nm, 150 mW, SM, 50°C, 5.6 mm | | | | 41,00 | 43,64 |

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|---|---------|--------|--------|
| RLT830-150GS, 830 nm, 150 mW, SM, 9 mm | | 457,20 | 486,63 |
| RLT830-200MGS, 830 nm, 200 mW, SM, 50°C, 5.6 mm | | 47,62 | 50,68 |
| ADL-83Y01TL, 830 nm, 200 mW, SM, 60°C, 5.6 mm | | 40,80 | 43,43 |
| QL83R6SA, 830 nm, 200 mW, SM, 60°C, 5.6 mm TO, N-type | | 83,20 | 88,55 |
| RLT830-250MGS, 830 nm, 250 mW, SM, 50°C, 5.6 mm | | 59,50 | 63,33 |
| S83300MG, 830 nm, 300 mW, MM, 50°C, lop typ. 410 mA, 5.6 mm | | 42,00 | 44,70 |
| S83500MG, 830 nm, 500 mW, MM, 50°C, lop typ. 660 mA, 5.6 mm | | 48,00 | 51,09 |
| RLT83500G, 830 nm, 500 mW, MM, 9 mm | | 92,00 | 97,92 |
| RLT83500GOP, 830 nm, 500 mW, MM, 9 mm, without PD | | 96,70 | 102,92 |
| RLT831000G, 830 nm, 1 W, MM, 9 mm | | 175,00 | 186,26 |
| RLCO-830-1000-TO3, 830 nm, 1 W, MM, TO-3 | EOL | 93,00 | 98,99 |
| RLT830-1WG-PD, 830 nm, 1 W, MM, 40°C, 9 mm, with PD | | 122,00 | 129,85 |
| RLT830-1.5G, 830 nm, 1.5 W, MM, 9 mm | | 193,57 | 206,03 |
| S8410MG, 840 nm, 10 mW, SM, 60°C, 5.6 mm, without PD | | 28,80 | 30,65 |
| S8450MG, 840 nm, 50 mW, SM, 40°C, 5.6 mm, without PD | | 56,00 | 59,60 |
| RLT840-200MGS, 840 nm, 200 mW, SM, 60°C, 5.6 mm | | 538,00 | 572,63 |
| ADL-85051TL, 845 nm, 5 mW, SM, 50°C, 5.6 mm | | 12,50 | 13,30 |
| ELD85NPT5, 850 ±10 nm, 5 mW, SM, 5.6 mm | EOL | 26,25 | 27,94 |
| QL85D6SA, 850 nm, 5 mW, SM, 60°C, 5.6 mm | | 6,29 | 6,69 |
| QL85F6SA, 850 nm, 10 mW, SM, 60°C, 5.6 mm | | 8,90 | 9,47 |
| QL85I6SA, 850 nm, 30 mW, SM, 60°C, 5.6 mm | | 31,90 | 33,95 |
| QL85J6SA-L, 850 nm, 40 mW, SM, 60°C, 5.6 mm | | 39,00 | 41,51 |
| QL85J6SC-L, 850 nm, 40 mW, SM, 60°C, 5.6 mm | 20 pcs. | 42,10 | 44,81 |
| ADL-85501TL, 850 nm, 50 mW, SM, 50°C, 5.6 mm | | 43,99 | 46,82 |
| RLT850-50MGS, 850 nm, 50 mW, SM, 40°C, 5.6 mm | | 46,10 | 49,07 |
| S8550MG, 850 nm, 50 mW, SM, 60°C, 5.6 mm | | 26,80 | 28,52 |
| HL8340MG, 852 ±10 nm, 50 mW cw, SM, 60°C, 5.6 mm TO, N-type | | 40,02 | 42,60 |
| HL8341MG, 852 ±10 nm, 50 mW cw, SM, 60°C, 5.6 mm TO, P-type | | 55,22 | 58,77 |
| HL8342MG, 852 ±4 nm, 50 mW cw, SM, 60°C, 5.6 mm TO | EOL | 80,53 | 85,71 |
| S85100MG, 850 nm, 100 mW, MM, 50°C, lop typ. 125 mA, 5.6 mm | | 29,90 | 31,82 |
| RLT85100MG, 850 nm, 100 mW, MM, 5.6 mm | | 75,00 | 79,83 |
| RLT850-100MGS, 850 nm, 100 mW, SM, 40°C, 5.6 mm | | 59,50 | 63,33 |
| RLT850-150GS, 850 nm, 150 mW, SM, 9 mm | | 514,00 | 547,08 |
| HL85021MG, 850 ±10 nm, 250 mW cw, SM, 75°C, 5.6 mm TO, P-type | NEW | 62,40 | 66,42 |
| HL85022MG, 850 ±10 nm, 250 mW cw, SM, 75°C, 5.6 mm TO, N-type | NEW | 62,40 | 66,42 |
| HL85023MG, 850 ±10 nm, 250 mW cw, SM, 75°C, 5.6 mm TO, no PD | NEW | 62,40 | 66,42 |
| S85300MG, 850 nm, 300 mW, MM, 50°C, lop typ. 435 mA, 5.6 mm | | 40,90 | 43,53 |
| S85500MG, 850 nm, 500 mW, MM, 50°C, lop typ. 680 mA, 5.6 mm | | 45,90 | 48,85 |
| RLT850-500MGE, 850 ±10 nm, 500 mW, MM, 5.6 mm, without PD | 2 pcs. | 78,20 | 83,23 |
| RLT850-800MGE, 850 ±10 nm, 800 mW, MM, 5.6 mm, without PD | 2 pcs. | 97,80 | 104,09 |
| RLT850-1000MGE, 850 ±10 nm, 1 W, MM, 5.6 mm, without PD | 2 pcs. | 117,30 | 124,85 |
| RLT850M-1WG50, 850 nm, 1 W, 50 µm, MM, 9 mm | | 289,90 | 308,56 |
| RLT855-10MG, 855 nm, 10 mW, lop <55 mA, SM, 5.6 mm | | 19,40 | 20,65 |
| RLT860-1000G, 860 nm, 1 W, MM, 9 mm, without PD | | 186,60 | 198,61 |
| RLT878-5MG, 878 nm, 5 mW, lop <35 mA, SM, 5.6 mm | | 22,40 | 23,84 |
| S8810MG, 880 nm, 10 mW, 60°C, SM, 5.6 mm | EOL | 18,80 | 20,01 |
| RLT880-3W-C, 880 ±10 nm, 3 W, MM, C-Mount | 2 pcs. | 350,60 | 373,17 |
| QL90F7SA, 904 nm, 10 mW, 70° C, SM, 5.6 mm | | 28,00 | 29,80 |
| QL90F7SA-L, 905 nm, 10 mW, 70° C, SM, 5.6 mm | | 35,70 | 38,00 |
| RLT905-20G, 905 nm, 20 mW, SM, 9 mm | | 407,00 | 433,20 |
| RLT905-30G, 905 nm, 30 mW, SM, 9 mm | | 508,00 | 540,70 |
| QLD905-40MG, 905 nm, 40 mW, SM, 70°C, 5.6 mm | | 63,00 | 67,05 |
| RLT905-40G, 905 nm, 40 mW, SM, 9 mm | | 675,00 | 718,44 |
| RLT905-50G, 905 nm, 50 mW, SM, 9 mm | | 731,00 | 778,05 |
| RLT905-100GS, 905 nm, 100 mW, beam div. 25x40, SM, 9 mm | | 492,00 | 523,67 |
| QL90R7SA, 905 nm, 200 mW, SM, 70°C, 5.6 mm TO, N-type | | 83,20 | 88,55 |
| RLT905-500G, 905 nm, 500 mW, MM, 9 mm | | 132,00 | 140,50 |
| RLT915-100GS, 915 nm, 100 mW, SM, 9 mm | | 414,00 | 440,65 |
| RLT915-200GSN, 915 nm, 200 mW, SM, 9 mm, LDA=PDC | | 611,54 | 650,90 |
| RLT915-300GS, 915 nm, 300 mW, SM, 9 mm, LDA=PDC | | 938,20 | 998,58 |
| RLT91500G, 915 nm, 500 mW, MM, 9 mm | | 126,00 | 134,11 |
| RLT915-1000G, 915 nm, 1000 mW, MM, 9 mm | | 246,98 | 262,88 |
| RLT915-1000GOP, 915 nm, 1000 mW, MM, 9 mm, without PD | | 155,00 | 164,98 |
| RLT915-10W-E, 915 ±10 nm, 10 W, MM, E-Mount | 2 pcs. | 315,60 | 335,91 |
| RLT915-10W-H, 915 ±10 nm, 10 W, MM, H-Mount | 2 pcs. | 438,30 | 466,51 |
| RLT915-12W-E, 915 ±10 nm, 12 W, MM, E-Mount | 2 pcs. | 350,60 | 373,17 |
| RLT915-12W-H, 915 ±10 nm, 12 W, MM, H-Mount | 2 pcs. | 472,00 | 502,38 |
| QL94J6SA, 940 nm, 50 mW, SM, 60°C, 5.6 mm | | 62,40 | 66,42 |
| RLT940-100GS, 940 nm, 100 mW, SM, 9 mm | | 546,00 | 581,14 |
| ADL-94Y01TL, 940 nm, 200 mW, SM, 60°C, 5.6 mm | | 32,47 | 34,56 |
| QL94R6SA, 940 nm, 200 mW, SM, 60°C, 5.6 mm | | 71,00 | 75,57 |
| RLT940-200GS, 940 nm, 200 mW, SM, 9 mm, LDC=PDC | | 566,70 | 603,17 |
| QL94R6SA-S, 940 nm, 300 mW, SM, 60°C, 5.6 mm | | 71,00 | 75,57 |

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| RLT940-300GS, 940 nm, 300 mW, SM, 9 mm | | 3 pcs. | 626,00 | 666,29 |
| RLCO-940-2000-TO3, 940 nm, 2 W, MM, TO-3 | EOL | | 100,00 | 106,44 |
| RLCO-940-3000-TO3, 940 nm, 3 W, MM, TO-3 | EOL | | 198,00 | 210,74 |
| RLT940-3W-TO3, 940 nm, 3 W, MM, TO-3 | | | o.r. | o.r. |
| RLT940-5W-TO3, 940 nm, 5 W, MM, TO-3 | | 5 pcs. | 308,60 | 328,46 |
| RLT940-10W-E, 940 ±10 nm, 10 W, MM, E-Mount | | 2 pcs. | 315,60 | 335,91 |
| RLT940-10W-H, 940 ±10 nm, 10 W, MM, H-Mount | | 2 pcs. | 438,30 | 466,51 |
| RLT940-10W-H, 940 ±10 nm, 10 W, MM, H-Mount | | 2 pcs. | 438,30 | 466,51 |
| RLT940-12W-E, 940 ±10 nm, 12 W, MM, E-Mount | | 2 pcs. | 350,60 | 373,17 |
| RLT940-12W-H, 940 ±10 nm, 12 W, MM, H-Mount | | 2 pcs. | 472,00 | 502,38 |
| Laser Diodes INFRARED 980 - 1390 nm | Status | MOQ | EUR / pc | USD / pc |
| RLT9810MG, 980 nm, 10 mW, SM, 5.6 mm | | | 84,80 | 90,26 |
| RLT9820G, 980 nm, 20 mW, MM, 9 mm | EOL | | 100,70 | 107,18 |
| RLT9830MG, 980 nm, 30 mW, SM, 5.6 mm | | | 30,62 | 32,59 |
| RLT9830G, 980 nm, 30 mW, SM, 9 mm | EOL | | 156,00 | 166,04 |
| S9850MG, 980 nm, 50 mW, SM, 5.6 mm | | | 6,80 | 7,24 |
| RLT980-50MGS, 976 ±15 nm, 50 mW, TO18, SM, Built-in PD | | | 47,60 | 50,66 |
| ELD98NPT50, 980 ±10 nm, 50 mW, SM, 9 mm | | | 26,30 | 27,99 |
| L98T50M, 980 nm, 50 mW, MM, 9 mm | | | 22,00 | 23,42 |
| S98100MG, 980 nm, 100 mW, MM, 5.6 mm | | | 10,20 | 10,86 |
| RLT980-150GS, 980 nm, 150 mW, SM, 9 mm | | | 129,65 | 137,99 |
| RLT980-200GS, 980 nm, 200 mW, SM, 9 mm | | | 166,17 | 176,87 |
| RLT980-300GS, 980 nm, 300 mW, single mode, 9 mm, M-type | | | 429,00 | 456,61 |
| S98200MG, 980 nm, 200 mW, MM, 5.6 mm | | | 17,25 | 18,36 |
| S98300G, 980 nm, 300 mW, MM, 9 mm | | | 41,77 | 44,46 |
| S98500G, 980 nm, 500 mW, MM, 9 mm | | | 48,60 | 51,73 |
| LDM-0980-300M-92, 980 ±10 nm, 300 mW, MM, 9 mm | | | 45,80 | 48,75 |
| L98T300M, 980 ±5 nm, 300 mW, MM, TO-3 | | | 76,00 | 80,89 |
| RLT98500G, 980 nm, 500 mW, MM, 9 mm | | | 108,00 | 114,95 |
| RLT98500GOP, 980 nm, 500 mW, MM, 9 mm, without PD | | | 68,60 | 73,02 |
| LDM-0980-500M-12, 980 ±10 nm, 500 mW, MM, C-mount | | | 47,00 | 50,03 |
| LDM-0980-500M-32, 980 ±10 nm, 500 mW, MM, TO-3 | | | 87,00 | 92,60 |
| RLT981000G, 980 ±10 nm, 1 W, MM, 9 mm | | | 126,20 | 134,32 |
| RLT980-1W-G, 980 ±10 nm, 1 W, MM, 9 mm | | 2 pcs. | 163,90 | 174,45 |
| LDM-0980-001W-13, 980 ±10 nm, 1 W, MM, C-mount | | | 93,00 | 98,99 |
| LDM-0980-001W-33, 980 ±10 nm, 1 W, MM, TO-3 | | | 99,00 | 105,37 |
| LDM-0980-002W-15, 980 ±10 nm, 2 W, MM, C-mount | | | 155,00 | 164,98 |
| LDM-0980-002W-35, 980 ±10 nm, 2 W, MM, TO-3 | | | 158,00 | 168,17 |
| RLT980-3W-C, 976 ±10 nm, 3 W, MM, C-Mount | | 2 pcs. | 163,90 | 174,45 |
| RLT980-4W-C, 976 ±10 nm, 4 W, MM, C-mount | | | 182,10 | 193,82 |
| RLT980-10W-E, 976 ±15 nm, 10 W, MM, E-mount | | 2 pcs. | 214,00 | 227,77 |
| RLT980-10W-H, 976 ±15 nm, 10 W, MM, H-mount | | 2 pcs. | 309,50 | 329,42 |
| RLT980-12W-E, 976 ±15 nm, 12 W, MM, E-mount | | 2 pcs. | 350,60 | 373,17 |
| RLT980-12W-H, 976 ±15 nm, 12 W, MM, H-mount | | 2 pcs. | 472,00 | 502,38 |
| RLT980-15W-E, 976 ±10 nm, 15 W, MM, E-mount | | 2 pcs. | 404,60 | 430,64 |
| RLT1030-100GS, 1030 nm, 100 mW, SM, 50°C, 9 mm | | | 799,00 | 850,43 |
| RLT1060-10G, 1060 nm, 10 mW, SM, 9 mm | | | 330,00 | 351,24 |
| RLT1060-20G, 1060 nm, 20 mW, SM, 9 mm | | | 398,00 | 423,62 |
| RLT1060-30G, 1060 nm, 30 mW, SM, 9 mm | | | 410,00 | 436,39 |
| RLT1060-50G, 1060 nm, 50 mW, SM, 9 mm | | | 568,00 | 604,56 |
| RLT1060-200GS, 1060 nm, 200 mW, SM, 30°C, 9 mm | | | 756,00 | 804,66 |
| RLT1064-50MGS, 1064 nm, 50 mW, SM, 40°C, 5.6 mm | | 2 pcs. | 199,50 | 212,34 |
| RLT1064-100GS, 1064 nm, 100 mW, SM, 60°C, 9 mm | | | o.r. | o.r. |
| RLT1060-100G, 1060 ±5 nm, 100 mW, SM, 9 mm, 50°C, LDC=PDC | | | 482,00 | 513,02 |
| RLT1060-200G, 1060 nm, 200 mW, SM, 9 mm | | | 899,00 | 956,86 |
| RLT1060-350G, 1064 nm, 350 mW, SM, 9 mm | | | 593,48 | 631,68 |
| RLT1060-500GS, 1064 nm, 500 mW, SM, 50°C, 9 mm, without PD | | | 1.840,00 | 1.958,43 |
| RLT1060M-1WG, 1064 nm, 1.0 W, MM, 9 mm | | | 148,00 | 157,53 |
| RLT1060-1000HHL, 1064 ±30 nm, 1.0 W, MM, HHL package | | | 1.120,00 | 1.192,09 |
| RLT1060M-2WC, 1064 nm, 2 W cw, MM, C-mount | | | 336,00 | 357,63 |
| RLT1060-3000HHL, 1060 ±20 nm, <3.0 W, MM, HHL package | | | 1.960,00 | 2.086,15 |
| RLT1064-8W-E, 1064 ±20 nm, 8 W, MM, E-Mount | | 2 pcs. | 285,70 | 304,09 |
| RLT1064-8W-H, 1064 ±20 nm, 8 W, MM, H-Mount | | 2 pcs. | 357,10 | 380,08 |
| RLT1064-10W-E, 1064 ±20 nm, 10 W, MM, E-Mount | | 2 pcs. | 333,00 | 354,43 |
| RLT1064-10W-H, 1064 ±20 nm, 10 W, MM, H-Mount | | 2 pcs. | 381,00 | 405,52 |
| RLT1080-80GS, 1080 nm, 80 mW, SM, 50°C, 9 mm | | | 849,00 | 903,64 |
| RLT1170-10GS, 1170 nm, 10 mW, SM, 50°C, 9 mm | | | 1.040,00 | 1.106,94 |
| RLT1260-500HHL, 1260 ±20 nm, 500 mW, MM, HHL package | | | 1.680,00 | 1.788,13 |
| RLT1260-750HHL, 1260 ±20 nm, 750 mW, MM, HHL package | | | 2.240,00 | 2.384,17 |
| RLT1270-10MGS-B, 1270 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | | 189,90 | 202,12 |
| RLT1270-20MGS-B, 1270 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | | 237,40 | 252,68 |
| RLT1270-30MGS-B, 1270 nm, DFB, 30 mW, SM, 50°C, 5.6 mm, lens | | | 308,60 | 328,46 |

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| RLT1290-10MGS-B, 1290 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | 189,90 | 202,12 |
| RLT1290-20MGS-B, 1290 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | 237,40 | 252,68 |
| RLT1290-30MGS-B, 1290 nm, DFB, 30 mW, SM, 50°C, 5.6 mm, lens | | 308,60 | 328,46 |
| RLT1300-5G, 1300 nm, 5 mW, SM, 9 mm | | 223,00 | 237,35 |
| RLT1300-10G, 1300 nm, 10 mW, SM, 9 mm | | 335,00 | 356,56 |
| RLT1300-20G, 1300 nm, 20 mW, SM, 9 mm | | 357,00 | 379,98 |
| RLT1300-30G, 1300 nm, 30 mW, SM, 9 mm | | 383,00 | 407,65 |
| RLT1300-40G, 1300 nm, 40 mW, SM, 9 mm | | 451,00 | 480,03 |
| RLT1300-50G, 1300 nm, 50 mW, SM, 9 mm | | 543,00 | 577,95 |
| RLT1310-5MGS, 1310 nm, FP, 5 mW, SM, 85°C, 5.6 mm | 5 pcs. | 41,90 | 44,60 |
| RLT1310-5MGS-P2, 1310 nm, FP, 5 mW, SM, 85°C, 5.6 mm, Pin Option 2 | | 41,90 | 44,60 |
| RLT1310-20MGS, 1310 nm, DFB, 20 mW, SM, 50°C, 5.6 mm | | 284,90 | 303,24 |
| RLT1310-20MGS-B, 1310 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | 237,40 | 252,68 |
| RLT1310-30MGS, 1310 nm, DFB, 30 mW, SM, 45°C, 5.6 mm | | 273,00 | 290,57 |
| RLT1310-30MGS-B, 1310 nm, DFB, 30 mW, SM, 45°C, 5.6 mm, lens | | 273,00 | 290,57 |

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| ML720A1S-E22E, 1310 nm, 4 mW, SM, 5.6 mm | EOL | | 21,91 | 23,32 | |
| RLT1300-BL, 1310 nm, 5 mW, 5.6 mm, ball lens | EOL | | 5,00 | 5,32 | |
| RLT1300-FW, 1310 nm, 5 mW, 5.6 mm, flat window | EOL | | 5,00 | 5,32 | |
| LDS-1310-005-BL, 1310 ±10 nm, 5 mW, SM, 5.6 mm, ball lens, 4-Pin | EOL | | 9,60 | 10,22 | |
| S1300-5MG-BL, 1310 nm, 5 mW, 85°C, ball lens, TO-56, 4-Pin (1.25 Gbps) | | | 13,40 | 14,26 | |
| S1300-5MG-FW, 1310 nm, 5 mW, 85°C, flat window, TO-56, 4-Pin (1.25 Gbps) | | | 13,40 | 14,26 | |
| RLT1330-10MGS-B, 1330 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | | 189,90 | 202,12 | |
| RLT1330-20MGS-B, 1330 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | | 237,40 | 252,68 | |
| RLT1330-30MGS-B, 1330 nm, DFB, 30 mW, SM, 50°C, 5.6 mm, lens | | | 308,60 | 328,46 | |
| RLT1350-10MGS, 1350 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, flat window | | | 169,00 | 179,88 | |
| RLT1350-10MGS-B, 1350 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | | 189,90 | 202,12 | |
| RLT1350-20MGS-B, 1350 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | | 237,40 | 252,68 | |
| RLT1350-30MGS-B, 1350 nm, DFB, 30 mW, SM, 50°C, 5.6 mm, lens | | | 308,60 | 328,46 | |
| RLT1370-10MGS, 1370 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, flat window | | | 169,00 | 179,88 | |
| RLT1370-10MGS-B, 1370 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | | 142,90 | 152,10 | |
| RLT1370-20MGS-B, 1370 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | | 237,40 | 252,68 | |
| RLT1370-30MGS-B, 1370 nm, DFB, 30 mW, SM, 50°C, 5.6 mm, lens | | | 308,60 | 328,46 | |
| RLT1390-10MGS, 1390 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, flat window | | 3 pcs. | 194,20 | 206,70 | |
| RLT1390-10MGS-B, 1390 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | | 169,00 | 179,88 | |
| RLT1390-10GS, 1390 nm, 10 mW, SM, 50°C, 9 mm | | | 599,00 | 637,55 | |
| RLT1390-20MGS-B, 1390 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | | 237,40 | 252,68 | |
| RLT1390-30MGS-B, 1390 nm, DFB, 30 mW, SM, 50°C, 5.6 mm, lens | | | 308,60 | 328,46 | |
| Laser Diodes INFRARED 1410 - 1750 nm | | | | | |
| | Status | MOQ | EUR / pc | USD / pc | |
| RLT1410-10MGS, 1410 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, flat window | | | 189,90 | 202,12 | |
| RLT1410-10MGS-B, 1410 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | | 189,90 | 202,12 | |
| RLT1410-15MGS, 1410 nm, DFB, 15 mW, SM, 50°C, 5.6 mm | | | 189,00 | 201,16 | |
| RLT1410-15MGS-B, 1410 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens | | | 213,60 | 227,35 | |
| RLT1410-20MGS-B, 1410 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | | 237,40 | 252,68 | |
| RLT1430-10MGS, 1430 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, flat window | | | 169,00 | 179,88 | |
| RLT1430-10MGS-B, 1430 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | | 189,90 | 202,12 | |
| RLT1430-15MGS-B, 1430 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens | | | 213,60 | 227,35 | |
| RLT1430-20MGS-B, 1430 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | | 237,40 | 252,68 | |
| RLT1450-10MGS, 1450 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, flat window | | | 169,00 | 179,88 | |
| RLT1450-10MGS-B, 1450 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | | 189,90 | 202,12 | |
| RLT1450-15MGS-B, 1450 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens | | | 213,60 | 227,35 | |
| RLT1450-20MGS-B, 1450 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | | 237,40 | 252,68 | |
| RLT1450-2W-E, 1450 ±40 nm, 2 W, MM, E-mount | | 2 pcs. | 333,00 | 354,43 | |
| RLT1450-2W-H, 1450 ±40 nm, 2 W, MM, H-mount | | 2 pcs. | 381,00 | 405,52 | |
| RLT1460-5MG, 1460 nm, 5 mW, SM, 5.6 mm | EOL | | 110,00 | 117,08 | |
| RLT1470-5MGS, 1470 nm, DFB, 5 mW, SM, 70°C, 5.6 mm | | | 340,00 | 361,88 | |
| RLT1470-10MGS-B, 1470 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | | 189,90 | 202,12 | |
| RLT1470-10G, 1470 ±10 nm, 10 mW, SM, 9 mm | | | 288,00 | 306,54 | |
| RLT1470-15MGS-B, 1470 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens | | | 213,60 | 227,35 | |
| RLT1470-20MGS-B, 1470 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | | 237,40 | 252,68 | |
| RLT1470-20G, 1470 ±10 nm, 20 mW, SM, 9 mm | | | 405,00 | 431,07 | |
| RLT1470-30G, 1470 ±10 nm, 30 mW, SM, 9 mm | | | | | |
| RLT1470-3W-E, 1470 ±30 nm, >2.5 W, MM, E-mount | | 2 pcs. | 333,00 | 354,43 | |
| RLT1470-3W-H, 1470 ±30 nm, >2.5 W, MM, H-mount | | 2 pcs. | 381,00 | 405,52 | |
| RLT1480-5G, 1480 nm, 5 mW, SM, 9 mm | | | | | |
| RLT1480-10G, 1480 ±10 nm, 10 mW, SM, 9 mm | | | 369,00 | 392,75 | |
| RLT1480-20G, 1480 ±10 nm, 20 mW, SM, 9 mm | | | 452,00 | 481,09 | |
| RLT1490-5MGS, 1490 nm, DFB, 5 mW, SM, 70°C, 5.6 mm | | | 340,00 | 361,88 | |
| RLT1490-10MGS-B, 1490 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | | 189,90 | 202,12 | |
| RLT1490-10MGS, 1490 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, without PD | | | 538,00 | 572,63 | |
| LD1490-C010, 1490 nm, DFB, 10 mW, SM, PD, 5.6 mm | | | 270,00 | 287,38 | |
| RLT1490-15MGS-B, 1490 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens | | | 213,60 | 227,35 | |
| RLT1490-20MGS-B, 1490 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | | 237,40 | 252,68 | |
| RLT1500-10G, 1500 nm, 10 mW, SM, 9 mm | | | | | |
| RLT1500-20G, 1500 nm, 20 mW, SM, 9 mm | | | | | |
| RLT1500-30G, 1500 nm, 30 mW, SM, 9 mm | | | | | |
| RLT1510-5MGS, 1510 nm, DFB, 5 mW, SM, 70°C, 5.6 mm | | | 340,00 | 361,88 | |
| RLT1510-10MGS-B, 1510 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | | 189,90 | 202,12 | |
| RLT1510-15MGS, 1510 nm, DFB, 15 mW, SM, 50°C, 5.6 mm | | 2 pcs. | 188,60 | 200,74 | |
| RLT1510-15MGS-B, 1510 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens | | | 213,60 | 227,35 | |
| RLT1510-20MGS-B, 1510 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | | 237,40 | 252,68 | |
| RLT1530-5MGS, 1530 nm, DFB, 5 mW, SM, 70°C, 5.6 mm | | | 340,00 | 361,88 | |
| RLT1530-10MGS-B, 1530 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | | 189,90 | 202,12 | |
| RLT1530-15MGS, 1530 nm, DFB, 15 mW, SM, 50°C, 5.6 mm | | 2 pcs. | 188,60 | 200,74 | |
| RLT1530-15MGS-B, 1530 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens | | | 213,60 | 227,35 | |
| RLT1530-20MGS-B, 1530 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | | 237,40 | 252,68 | |

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| RLT1530-2W-E, 1530 ±40 nm, 2 W, MM, E-mount | 2 pcs. | 472,00 | 502,38 |
| RLT1530-2W-H, 1530 ±40 nm, 2 W, MM, H-mount | 2 pcs. | 530,80 | 564,96 |
| RLT1550-5G, 1550 nm, 5 mW, SM, 9 mm | | 299,00 | 318,24 |
| RLT1550-5MGS, 1550 nm, FP, 5 mW, SM, 85°C, 5.6 mm | 5 pcs. | 41,90 | 44,60 |
| RLT1550-5MGS-P2, 1550 nm, FP, 5 mW, SM, 85°C, 5.6 mm, Pin Option 2 | | 41,90 | 44,60 |
| RLT1550-10G, 1550 nm, 10 mW, SM, 9 mm | | 325,00 | 345,92 |
| RLT1550-15MGS-B, 1550 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens | | 213,60 | 227,35 |
| RLT1550-15G, 1550 nm, 15 mW, SM, 9 mm | | 330,00 | 351,24 |
| RLT1550-20G, 1550 nm, 20 mW, SM, 9 mm | | 339,00 | 360,82 |
| RLT1550-20MGS, 1550 nm, DFB, 20 mW, SM, 50°C, 5.6 mm | | 199,10 | 211,91 |
| RLT1550-20MGS-B, 1550 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | 179,20 | 190,73 |
| RLT1550-30G, 1550 nm, 30 mW, SM, 9 mm | | 415,00 | 441,71 |
| RLT1550-40G, 1550 nm, 40 mW, SM, 9 mm | | 572,00 | 608,82 |
| RLT1550-40GS, 1550 nm, 40 mW, SM, 50°C, 9 mm | | 524,00 | 557,73 |
| RLT1550-100G, 1550 nm, 100 mW, lop typ. 800 mA, aperture 100x1 µm², MM, 9 mm | | 743,00 | 790,82 |
| RLT1550-200GS, 1550 nm, 200 mW, SM, 50°C, 9 mm | | 1.360,00 | 1.447,53 |
| RLT1550-250HHL, 1550 ±30 nm, 250 mW, MM, HHL package | | 1.613,00 | 1.716,82 |
| RLT1550-500HHL, 1550 ±30 nm, 500 mW, MM, HHL package | | 1.963,00 | 2.089,34 |
| RLT1550-2W5-E, 1550 ±30 nm, >2 W, MM, E-mount | 2 pcs. | 333,00 | 354,43 |
| RLT1550-2W5-H, 1550 ±30 nm, >2 W, MM, H-mount | | 381,00 | 405,52 |
| RLT1570-5MGS, 1570 nm, DFB, 5 mW, SM, 70°C, 5.6 mm | | 340,00 | 361,88 |
| RLT1570-10MGS-B, 1570 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | 189,90 | 202,12 |
| RLT1570-15MGS-B, 1570 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens | | 213,60 | 227,35 |
| RLT1570-20MGS-B, 1570 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | 237,40 | 252,68 |
| RLT1590-10MGS-B, 1590 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | 169,00 | 179,88 |
| RLT1590-15MGS-B, 1590 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens | | 213,60 | 227,35 |
| RLT1590-20MGS-B, 1590 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | 237,40 | 252,68 |
| RLT1600-10G, 1600 nm, 10 mW, SM, 9 mm | | 448,57 | 477,44 |
| RLT1600-20G, 1600 nm, 20 mW, SM, 9 mm | | 538,67 | 573,34 |
| RLT1600-30G, 1600 nm, 30 mW, SM, 9 mm | | 649,24 | 691,03 |
| RLT1600-40G, 1600 nm, 40 mW, SM, 9 mm | | 786,43 | 837,05 |
| RLT1600-300HHL, 1600 ±20 nm, 300 mW, MM, HHL package | | o.r. | o.r. |
| RLT1610-10MGS-B, 1610 nm, DFB, 10 mW, SM, 50°C, 5.6 mm, lens | | 189,90 | 202,12 |
| RLT1610-15MGS-B, 1610 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens | | 213,60 | 227,35 |
| RLT1610-20MGS-B, 1610 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | 237,40 | 252,68 |
| RLT1620-10GS, 1620 nm, 10 mW, SM, 50°C, 9 mm | | 708,00 | 753,57 |
| RLT1625-15MGS-B, 1625 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens | | 308,60 | 328,46 |
| RLT1625-20MGS-B, 1625 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | 379,80 | 404,24 |
| RLT1650-15MGS-B, 1650 nm, DFB, 15 mW, SM, 50°C, 5.6 mm, lens | | 308,60 | 328,46 |
| RLT1650-20MGS-B, 1650 nm, DFB, 20 mW, SM, 50°C, 5.6 mm, lens | | 379,80 | 404,24 |
| RLT1650-50GS, 1650 nm, 50 mW, SM, 50°C, 9 mm | | 840,00 | 894,06 |
| RLT1725-300HHL, 1725 ±15 nm, 300 mW, MM, HHL package | | o.r. | o.r. |
| RLT1750-10G, 1750 ±30 nm, 10 mW, SM, 9 mm | | 572,00 | 608,82 |
| RLT1750-20G, 1750 ±20 nm, 20 mW, SM, 9 mm | | 679,00 | 722,70 |
| RLT1750-30G, 1750 ±20 nm, 30 mW, SM, 9 mm | | 929,00 | 988,79 |
| RLT1750-40G, 1750 ±20 nm, 40 mW, SM, 9 mm | | 1.250,00 | 1.330,45 |
| RLT1750-300HHL, 1750 ±15 nm, 300 mW, MM, HHL package | | o.r. | o.r. |
| RLT1770-10G, 1770 ±30 nm, 10 mW, SM, 9 mm | | 605,00 | 643,94 |
| RLT1770-20G, 1770 ±20 nm, 20 mW, SM, 9 mm | | o.r. | o.r. |
| RLT1770-30G, 1770 ±30 nm, 30 mW, SM, 9 mm | | o.r. | o.r. |
| RLT1770-40G, 1770 ±20 nm, 40 mW, SM, 9 mm | | o.r. | o.r. |

LASER DIODES - SMD



| Laser Diodes SMD 650 - 940 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| S6505SMD, 650 nm, 5 mW, SM, 70°C, SMD 5630, 5.6x3.0x0.8 mm | | | 3,86 | 4,11 |
| S808200SMD, 808 nm, 200 mW, MM, 50°C, SMD 5630, 5.6x3.0x0.8 mm | | | 15,20 | 16,18 |
| ADL-83Y511Y-F1, 830 nm, 250 mW, SMD 3.5x3.5x0.75 mm | | | 35,24 | 37,51 |
| ADL-85Y511Y-F1, 850 nm, 250 mW, SMD 3.5x3.5x0.75 mm | | | 35,24 | 37,51 |
| ADL-94Y01EY-F2, 940 nm, 200 mW, SMD 3.0x3.0x0.75 mm | | | 22,62 | 24,08 |
| ADL-94Y02IY-F1, 940 nm, 200 mW, SMD 3.5x3.5x0.75 mm | | | 35,71 | 38,01 |

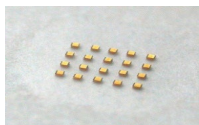
LASER DIODES - PULSED



high power pulsed laser diodes
850, 904, 1550, 1610 and 1625 nm

| Laser Diodes PULSED 904 - 1625 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| PLD904-5-T, 904 nm, 5 W-pulse, 75 x 1 µm², TO-46 | EOL | | 49,40 | 52,58 |
| LDMP-0905-20W-51, 905 nm, 20 W, single emitter, 50...200ns, 0.05%, 370x1 µm², 5.6 mm | | | 77,00 | 81,96 |
| LDMP-0905-50W-93, 905 nm, 50 W, 2 stacks, 50...200 ns, 0.05%, 370x100 µm², 9 mm | | | 159,00 | 169,23 |
| QL90V8SM-7, 905 nm, 21 W pulse, 100 ns, 0.01%, 75x10 µm, 85°C, 5.6 mm TO, no PD | | | 131,00 | 139,43 |
| VL905P25M, 905 nm, 25 W, 100 ns, 0.05%, 60°C, 5.6 mm | | | 27,80 | 29,59 |
| QL90V8SM, 905 nm, 25 W pulse, 100 ns, 0.01%, 200x1 µm, 85°C, 5.6 mm TO, no PD | | | 131,00 | 139,43 |
| VL905P50, 905 nm, 50 W, 100 ns, 0.1%, 60°C, 5 mm epoxy | | | 17,20 | 18,31 |
| QL90W8SM, 905 nm, 50 W pulse, 100 ns, 0.01%, 200x5 µm, 85°C, 5.6 mm TO, no PD | | | 143,00 | 152,20 |
| VL905P75, 905 nm, 75 W, 100 ns, 0.1%, 60°C, 5 mm epoxy | | | 23,70 | 25,23 |
| QL90X8SM, 905 nm, 75 W pulse, 100 ns, 0.01%, 200x10 µm, 85°C, 5.6 mm TO, no PD | | | 155,00 | 164,98 |
| RLT-HPL905-50, 904 nm, 50 W-pulse, 50 ns, 370 x 100 µm², 9 mm | EOL | | 236,00 | 251,19 |
| RLT1610-100MPG, 1610 nm, 1x200 µm, 100 mW-pulse, <1us, <50 kHz, 5%, Duty, 9 mm | | | 198,00 | 210,74 |
| LD1625-C120, 1625 nm, FP, 120 mW, SM, pulsed mode, 10 us PW, 1%, DC, 5.6 mm | | | 449,50 | 478,43 |

LASER DIODES - BARE CHIP DIES



EPI wafer laser diode chip dies

635, 650, 980 ,1310 nm

| LD BARE CHIP DIES 635 - 1310 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|----------|----------|----------|
| CHIP-635-P5, 635 nm, 5 mW, laser diode chip die, sm (no guarantee on bare dies!) | | 100 pcs. | 2,69 | 2,86 |
| CHIP-650-P5, 650 nm, 5 mW, laser diode chip, sm (no guarantee on bare dies!) | | 100 pcs. | 2,23 | 2,37 |
| CHIP-650-P30, 650 nm, 30 mW, laser diode chip, (no guarantee on bare dies!) | | 200 pcs. | 16,45 | 17,51 |
| CHIP-660-P100, 660 nm, 100 mW, laser diode chip, (no guarantee on bare dies!) | | 200 pcs. | 19,57 | 20,83 |
| CHIP-980-P52, 976 nm, 50 mW, laser diode chip die, sm (no guarantee on bare dies!) | | 100 pcs. | 2,92 | 3,11 |
| CHIP-1310-P5, 1310 nm, FP, 5 mW, SM, 2.5 GHz (no guarantee on bare dies!) | | 50 pcs. | 5,16 | 5,49 |

LASER DIODES - PIGTAILED



Pigtailed Laser Diodes in coaxial package

- single and multi mode
- different connectors available

395 - 1650 nm

| LD PIGTAILED UV 395 - 400 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| SPL375-100-C105M, 375 ±10 nm, 100 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, coaxial | | | 1.085,70 | 1.155,58 |
| SPL395-200-C105M, 395 ±10 nm, 200 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, coaxial | | | 679,70 | 723,45 |
| SPL395-200-C50M, 395 ±10 nm, 200 mW, MM fiber, 50 µm, N.A. 0.12, FC/PC, coaxial | | | 793,00 | 844,04 |
| SPL400-15-3-PD, 400 ±5 nm, 15 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC, PD | | | 1.078,90 | 1.148,34 |
| SPL400-15-PM-PD, 400 ±5 nm, 15 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC, PD | | | 1.294,70 | 1.378,03 |
| SPL400-30-3-PD, 400 ±5 nm, 30 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC, PD | | | 1.294,70 | 1.378,03 |
| SPL400-30-PM-PD, 400 ±5 nm, 30 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC, PD | | | 1.510,50 | 1.607,72 |
| SPL400-400-C105M, 400 ±5 nm, 400 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, coaxial | | | 906,30 | 964,63 |
| LD PIGTAILED VIOLET 405 - 415 nm | Status | MOQ | EUR / pc | USD / pc |
| SPL405-15-3, 405 nm, 15 mW, SM fiber, 3 µm, FC/PC | | | 793,00 | 844,04 |
| SPL405-15-3-PD, 405 nm, 15 mW, SM fiber, 3 µm, FC/PC, PD | | | 906,30 | 964,63 |
| SPL405-15-PM, 405 nm, 15 mW, PM fiber, 3 µm, FC/APC | | | 1.078,90 | 1.148,34 |
| SPL405-15-PM-PD, 405 nm, 15 mW, PM fiber, 3 µm, FC/APC, PD | | | 1.294,70 | 1.378,03 |
| SPL405-30-3, 405 nm, 30 mW, SM fiber, 3 µm, FC/PC | | | 1.019,60 | 1.085,22 |
| SPL405-30-3-PD, 405 nm, 30 mW, SM fiber, 3 µm, FC/PC, PD | | | 879,00 | 935,57 |
| SPL405-30-PM, 405 nm, 30 mW, PM fiber, 3 µm, FC/APC | | | 1.294,70 | 1.378,03 |
| SPL405-30-PM-PD, 405 nm, 30 mW, PM fiber, 3 µm, FC/APC, PD | | | 1.402,60 | 1.492,87 |
| SPL405-40-3-PD, 405 nm, 40 mW, SM fiber, 3 µm, FC/PC, PD | | | 916,00 | 974,96 |
| SPL405-50-3, 405 nm, 50 mW, SM fiber, 3 µm, FC/PC | | | 969,00 | 1.031,37 |
| SPL405-50-3-PD, 405 nm, 50 mW, SM fiber, 3 µm, FC/PC, PD | | | 969,00 | 1.031,37 |
| SPL405-50-PM, 405 nm, 50 mW, PM fiber, 3 µm, FC/APC | | | 1.726,30 | 1.837,41 |
| SPL405-200-C105M, 405 nm, 200 mW, MM fiber, 105 µm, FC/PC, coaxial package | | | 453,20 | 482,37 |
| SPL405-300-C105M, 405 nm, 300 mW, MM fiber, 105 µm, FC/PC, coaxial package | | | 566,40 | 602,85 |

| | | | | |
|--|---------------|------------|-----------------|-----------------|
| SPL405-300-C105M-SMA, 405 nm, 300 mW, MM fiber, 105 µm, SMA905, coaxial package | 589,10 | 627,02 | | |
| SPL405-450-C105M, 405 nm, 450 mW, MM fiber, 105 µm, FC/PC, coaxial package | 679,70 | 723,45 | | |
| SPL405-450-C105M-SMA, 405 nm, 450 mW, MM fiber, 105 µm, SMA905, coaxial package | 702,40 | 747,61 | | |
| SPL410-300-C105M, 410 ±5 nm, 300 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, coaxial | 1.078,90 | 1.148,34 | | |
| SPL413-300-C105M, 413 ±5 nm, 300 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, coaxial | 1.294,70 | 1.378,03 | | |
| LD PIGTAILED BLUE 445 - 480 nm | Status | MOQ | EUR / pc | USD / pc |
| SPL445-15-3, 450 nm, 15 mW, SM fiber, 3 µm, FC/PC | | | 453,20 | 482,37 |
| SPL445-30-3, 450 nm, 30 mW, SM fiber, 3 µm, FC/PC | | | 566,40 | 602,85 |
| SPL445-30-PM, 450 nm, 30 mW, PM fiber, 3 µm, FC/APC | | | 906,30 | 964,63 |
| SPL445-40-3, 450 nm, 40 mW, SM fiber, 3 µm, FC/PC | | | 679,70 | 723,45 |
| SPL445-50-3, 450 nm, 50 mW, SM fiber, 3 µm, FC/PC | | | 793,00 | 844,04 |
| SPL445-50-PM, 450 nm, 50 mW, PM fiber, 3 µm, FC/APC | | | 1.186,80 | 1.263,18 |
| SPL445-50-105M, 450 nm, 50 mW, MM fiber, 105 µm, FC/PC | | | 213,60 | 227,35 |
| SPL445-70-3, 450 nm, 70 mW, SM fiber, 3 µm, FC/PC | | | 1.186,80 | 1.263,18 |
| SPL445-80-105M, 450 nm, 80 mW, MM fiber, 105 µm, FC/PC | | | 226,60 | 241,18 |
| SPL445-100-105M, 450 nm, 100 mW, MM fiber, 105 µm, FC/PC | | | 271,90 | 289,40 |
| SPL445-500-C105M, 450 nm, 500 mW, MM fiber, 105 µm, FC/PC, coaxial package | | | 271,90 | 289,40 |
| SPL445-800-105M, 450 nm, 800 mW, MM fiber, 105 µm, FC/PC | | | 294,60 | 313,56 |
| SPL445-1W-C105M, 450 nm, 1 W, MM fiber, 105 µm, FC/PC, coaxial package | | | 339,90 | 361,78 |
| SPL460-30-3, 460 nm, 30 mW, SM fiber, 3 µm, FC/PC | | | 699,00 | 743,99 |
| SPL460-30-PM, 460 nm, 30 mW, PM fiber, 3 µm, FC/APC | | | 928,60 | 988,37 |
| SPL460-50-3, 460 nm, 50 mW, SM fiber, 3 µm, FC/PC | | | 928,60 | 988,37 |
| SPL460-50-PM, 460 nm, 50 mW, PM fiber, 3 µm, FC/APC | | | 1.207,10 | 1.284,79 |
| SPL460-100-105M, 460 nm, 100 mW, MM fiber, 105 µm, FC/PC | | | 566,40 | 602,85 |
| SPL465-2W-105M, 465 nm, 2 W, MM fiber, 105 µm, FC/PC | | | 793,00 | 844,04 |
| SPL473-10-3, 473 ±10 nm, 10 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC | | | 1.078,90 | 1.148,34 |
| SPL473-10-PM, 473 ±10 nm, 10 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC | | | 1.726,30 | 1.837,41 |
| SPL473-20-3, 473 ±10 nm, 20 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC | | | 1.294,70 | 1.378,03 |
| SPL473-20-PM, 473 ±10 nm, 20 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC | | | 1.942,10 | 2.067,10 |
| SPL480-10-3, 480 ±5 nm, 10 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC | | | 1.078,90 | 1.148,34 |
| SPL480-10-PM, 480 ±5 nm, 10 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC | | | 1.726,30 | 1.837,41 |
| SPL480-20-3, 480 ±5 nm, 20 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC | | | 1.294,70 | 1.378,03 |
| SPL480-20-PM, 480 ±5 nm, 20 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC | | | 1.942,10 | 2.067,10 |
| LD PIGTAILED CYAN 488 - 495 nm | Status | MOQ | EUR / pc | USD / pc |
| SPL488-10-3, 488 nm, 10 mW, SM fiber, 3 µm, FC/PC | | | 566,40 | 602,85 |
| SPL488-10-PM, 488 nm, 10 mW, PM fiber, 3 µm, FC/APC | | | 906,30 | 964,63 |
| SPL488-20-3, 488 nm, 20 mW, SM fiber, 3 µm, FC/PC | | | 679,70 | 723,45 |
| SPL488-20-PM, 488 nm, 20 mW, PM fiber, 3 µm, FC/APC | | | 1.019,60 | 1.085,22 |
| SPL488-30-3, 488 nm, 30 mW, SM fiber, 3 µm, FC/PC | | | 906,30 | 964,63 |
| SPL488-30-PM, 488 nm, 30 mW, PM fiber, 3 µm, FC/APC | | | 1.186,80 | 1.263,18 |
| SPL488-40-105M, 488 nm, 40 mW, MM fiber, 105 µm, FC/PC | | | 362,50 | 385,83 |
| SPL488-50-105M, 488 nm, 50 mW, MM fiber, 105 µm, FC/PC | | | 362,50 | 385,83 |
| SPL495-10-3, 495 ±5 nm, 10 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC | | | 679,70 | 723,45 |
| SPL495-10-PM, 495 ±5 nm, 10 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC | | | 1.019,60 | 1.085,22 |
| SPL495-20-3, 495 ±5 nm, 20 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC | | | 793,00 | 844,04 |
| SPL495-20-PM, 495 ±5 nm, 20 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC | | | 1.078,90 | 1.148,34 |
| SPL495-50-105M, 495 ±5 nm, 50 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC | | | 453,20 | 482,37 |
| LD PIGTAILED GREEN 505 - 520 nm | Status | MOQ | EUR / pc | USD / pc |
| SPL505-10-3, 505 ±10 nm, 10 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC | | | 679,70 | 723,45 |
| SPL505-10-PM, 505 ±10 nm, 10 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC | | | 1.019,60 | 1.085,22 |
| SPL505-20-3, 505 ±10 nm, 20 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC | | | 793,00 | 844,04 |
| SPL505-20-PM, 505 ±10 nm, 20 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC | | | 1.078,90 | 1.148,34 |
| SPL505-30-105M, 505 ±10 nm, 30 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC | | | 271,90 | 289,40 |
| SPL505-50-105M, 505 ±10 nm, 50 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC | | | 339,90 | 361,78 |
| SPL510-10-SM, 510 ±10 nm, 10 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC con. | | | 599,00 | 637,55 |
| SPL510-10-PM, 510 ±10 nm, 10 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC con. | | | 881,00 | 937,70 |
| SPL510-20-SM, 510 ±10 nm, 20 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC con. | | | 762,00 | 811,04 |
| SPL510-20-PM, 510 ±10 nm, 20 mW, PM fiber, 3 µm, N.A. 0.12, FC/APC con. | | | 969,00 | 1.031,37 |
| SPL520-1-3-PD, 520 nm, 1 mW, SM fiber, 3 µm, FC/PC, PD | | | 271,90 | 289,40 |
| SPL520-10-3-PD, 520 nm, 10 mW, SM fiber, 3 µm, FC/PC, PD | | | 566,40 | 602,85 |
| SPL520-10-PM-PD, 520 nm, 10 mW, PM fiber, 3 µm, FC/APC, PD | | | 906,30 | 964,63 |
| SPL520-20-3-PD, 520 nm, 20 mW, SM fiber, 3 µm, FC/PC, PD | | | 793,00 | 844,04 |
| SPL520-20-PM-PD, 520 nm, 20 mW, PM fiber, 3 µm, FC/APC, PD | | | 1.078,90 | 1.148,34 |
| SPL520-25-3-PD, 520 nm, 25 mW, SM fiber, 3 µm, FC/PC, PD | | | 906,30 | 964,63 |
| SPL520-30-3, 520 nm, 30 mW, SM fiber, 3 µm, FC/PC | | | 598,00 | 636,49 |
| SPL520-30-3-PD, 520 nm, 30 mW, SM fiber, 3 µm, FC/PC, PD | | | 698,00 | 742,92 |
| SPL520-30-PM, 520 nm, 30 mW, PM fiber, 3 µm, FC/APC | | | 1.019,60 | 1.085,22 |
| SPL520-30-PM-PD, 520 nm, 30 mW, PM fiber, 3 µm, FC/APC, PD | | | 1.078,90 | 1.148,34 |
| SPL520-40-3, 520 nm, 40 mW, SM fiber, 3 µm, FC/PC | | | 698,00 | 742,92 |
| SPL520-40-PM, 520 nm, 40 mW, PM fiber, 3 µm, FC/APC | | | 1.078,90 | 1.148,34 |
| SPL520-40-PM-PD, 520 nm, 40 mW, PM fiber, 3 µm, FC/APC, PD | | | 1.186,80 | 1.263,18 |
| SPL520-50-3, 520 nm, 50 mW, SM fiber, 3 µm, FC/PC | | | 895,00 | 952,60 |

| | | | | | | |
|---|--|------------|---------------|------------|-----------------|-----------------|
| SPL520-50-PM, 520 nm, 50 mW, PM fiber, 3 µm, FC/APC | | | 1.402,60 | 1.492,87 | | |
| SPL520-50-105M-PD, 520 nm, 50 mW, MM fiber, 105 µm, FC/PC, PD | | | 339,90 | 361,78 | | |
| SPL520-80-9, 520 ±10 nm, 80 mW, SM fiber, 9 µm, N.A. 0.12, FC/PC | | | 566,40 | 602,85 | | |
| SPL520-80-105M, 520 nm, 80 mW, MM fiber, 105 µm, FC/PC | | | 339,90 | 361,78 | | |
| SPL520-100-105M, 520 nm, 100 mW, MM fiber, 105 µm, FC/PC | | | 339,90 | 361,78 | | |
| SPL520-200-105M, 520 nm, 200 mW, MM fiber, 105 µm, FC/PC | | | 407,80 | 434,05 | | |
| SPL520-800-105M, 520 nm, >700 mW, MM fiber, 105 µm, FC/PC | | | 566,40 | 602,85 | | |
| LD PIGTAILED RED 633 - 685 nm | | | Status | MOQ | EUR / pc | USD / pc |
| SPL633-30-4, 633 ±5 nm, 30 mW, SM fiber, 4 µm, N.A. 0.12, FC/PC | | | | | 679,70 | 723,45 |
| SPL633-30-PM, 633 ±5 nm, 30 mW, PM fiber, 4 µm, N.A. 0.12, FC/APC | | | | | 1.078,90 | 1.148,34 |
| SPL633-50-4, 633 ±5 nm, 50 mW, SM fiber, 4 µm, N.A. 0.12, FC/PC | | | | | 906,30 | 964,63 |
| SPL633-50-PM, 633 ±5 nm, 50 mW, PM fiber, 4 µm, N.A. 0.12, FC/APC | | | | | 1.186,80 | 1.263,18 |
| SPL635-1-4-PD, 635 nm, >1 mW, SM fiber, 4 µm, FC/PC, PD | | | | | 189,90 | 202,12 |
| SPL635-2-4-PD, 635 ±5 nm, 2 mW, SM fiber, 4 µm, FC/PC, PD | | | | | 189,90 | 202,12 |
| SPL635-3-4-PD, 638 nm, 3 mW, SM fiber, 4 µm, FC/PC, PD | | | | | 213,60 | 227,35 |
| SPL635-5-4-PD, 638 nm, 5 mW, SM fiber, 4 µm, FC/PC, PD | | | | | 219,00 | 233,10 |
| SPL635-5-105M-PD, 635 nm, 5 mW, MM fiber, 105 µm, FC/PC | | | | | 124,10 | 132,09 |
| SPL635-10-4-PD, 638 nm, 10 mW, SM fiber, 4 µm, FC/PC, PD | | | | | 339,90 | 361,78 |
| SPL635-10-9-PD, 638 nm, 10 mW, SM fiber, 9 µm, FC/PC, PD | | | | | 213,60 | 227,35 |
| SPL635-10-PM-PD, 638 nm, 10 mW, PM fiber, 4 µm, FC/APC, PD | | | | | 906,30 | 964,63 |
| RLCD-S63-10, 635 ±5 nm, 10 mW, SM fiber, 4 µm, NA 0.13, FC/APC | | EOL | | | 440,00 | 468,32 |
| RLCD-S63-20, 635 ±5 nm, 20 mW, SM fiber, 4 µm, NA 0.13, no connector, no photodiode | | EOL | | | 525,00 | 558,79 |
| SPL635-30-4, 638 nm, 30 mW, SM fiber, 4 µm, FC/PC | | | | | 453,20 | 482,37 |
| SPL635-30-4-PD, 638 nm, 30 mW, SM fiber, 4 µm, FC/PC, PD | | | | | 566,40 | 602,85 |
| SPL635-30-PM-PD, 638 nm, 30 mW, PM fiber, 4 µm, FC/APC, PD | | | | | 1.019,60 | 1.085,22 |
| SPL635-30-105M-PD, 638 nm, 30 mW, MM fiber, 105 µm, FC/PC, PD | | | | | 213,60 | 227,35 |
| SPL635-50-4, 638 nm, 50 mW, SM fiber, 4 µm, FC/PC | | | | | 566,40 | 602,85 |
| SPL635-50-4-PD, 638 nm, 50 mW, SM fiber, 4 µm, FC/PC, PD | | | | | 566,40 | 602,85 |
| SPL635-50-9, 638 nm, 50 mW, SM fiber, 9 µm, FC/PC | | | | | 339,90 | 361,78 |
| SPL635-50-9-PD, 638 nm, 50 mW, SM fiber, 9 µm, FC/PC, PD | | | | | 339,90 | 361,78 |
| SPL635-50-PM-PD, 638 nm, 50 mW, PM fiber, 4 µm, FC/APC, PD | | | | | 1.078,90 | 1.148,34 |
| SPL635-70-4, 638 nm, 70 mW, SM fiber, 4 µm, FC/PC | | | | | 793,00 | 844,04 |
| SPL635-80-4-PD, 638 nm, 80 mW, SM fiber, 4 µm, FC/PC, PD | | | | | 906,30 | 964,63 |
| SPL635-80-9, 638 nm, 80 mW, SM fiber, 9 µm, FC/PC | | | | | 453,20 | 482,37 |
| SPL635-80-9-PD, 638 nm, 80 mW, SM fiber, 9 µm, FC/PC, PD | | | | | 453,20 | 482,37 |
| SPL635-80-PM-PD, 638 nm, 80 mW, PM fiber, 4 µm, FC/APC, PD | | | | | 1.726,30 | 1.837,41 |
| SPL635-100-4-PD, 638 nm, 100 mW, SM fiber, 4 µm, FC/PC, PD | | | | | 1.019,60 | 1.085,22 |
| SPL635-100-9, 638 nm, 100 mW, SM fiber, 9 µm, FC/PC | | | | | 499,50 | 531,65 |
| SPL635-100-9-PD, 638 nm, 100 mW, SM fiber, 9 µm, FC/PC, PD | | | | 2 pcs. | 499,50 | 531,65 |
| SPL635-100-PM-PD, 638 nm, 100 mW, PM fiber, 4 µm, FC/APC, PD | | | | | 1.942,10 | 2.067,10 |
| SPL635-120-105M, 638 nm, 120 mW, MM fiber, 105 µm, FC/PC | | | | | 213,60 | 227,35 |
| SPL635-120-105M-PD, 638 nm, 120 mW, MM fiber, 105 µm, FC/PC, PD | | | | | 226,60 | 241,18 |
| SPL635-150-105M-PD, 638 nm, 150 mW, MM fiber, 105 µm, FC/PC, PD | | | | | 271,90 | 289,40 |
| SPL635-300-105M, 638 nm, 300 mW, MM fiber, 105 µm, FC/PC | | | | | 226,60 | 241,18 |
| SPL635-350-105M, 638 nm, 350 mW, MM fiber, 105 µm, FC/PC | | | | | 226,60 | 241,18 |
| SPL635-400-105M, 638 nm, 400 mW, MM fiber, 105 µm, FC/PC | | | | | 271,90 | 289,40 |
| SPL635-1W-105M, 638 nm, 1 W, MM fiber, 105 µm, FC/PC | | | | | 566,40 | 602,85 |
| SPL635-1W8-200M, 638 nm, 1.8 W, MM fiber, 200 µm, FC/PC | | | | | 679,70 | 723,45 |
| SPL650-3-4-PD, 658 nm, 3 mW, SM fiber, 4 µm, FC/PC, PD | | | | | 248,20 | 264,17 |
| SPL650-5-4-PD, 658 nm, 5 mW, SM fiber, 4 µm, FC/PC, PD | | | | | 249,20 | 265,24 |
| SPL650-10-4-PD, 658 nm, 10 mW, SM fiber, 4 µm, FC/PC, PD | | | | | 317,20 | 337,62 |
| SPL650-10-PM-PD, 658 nm, 10 mW, PM fiber, 4 µm, FC/APC, PD | | | | | 906,30 | 964,63 |
| SPL650-15-4-PD, 658 nm, 15 mW, SM fiber, 4 µm, FC/PC, PD | | | | | 362,50 | 385,83 |
| SPL650-20-4-PD, 658 nm, 20 mW, SM fiber, 4 µm, FC/PC, PD | | | | | 453,20 | 482,37 |
| SPL650-20-C4, 658 nm, 20 mW, SM fiber, 4 µm, FC/PC, coaxial package | | | | | 166,20 | 176,90 |
| SPL650-20-C9, 658 nm, 20 mW, SM fiber, 9 µm, FC/PC, coaxial package | | | | | 142,40 | 151,57 |
| SPL650-30-PM, 658 nm, 30 mW, PM fiber, 4 µm, FC/APC | | | | | 906,30 | 964,63 |
| SPL650-30-105M-PD, 658 nm, 30 mW MM fiber, 105 µm, FC/PC, PD | | | | | 189,90 | 202,12 |
| SPL650-50-4, 658 nm, 50 mW, SM fiber, 4 µm, FC/PC | | | | | 566,40 | 602,85 |
| SPL650-50-9, 658 nm, 50 mW, SM fiber, 9 µm, FC/PC | | | | | 262,00 | 278,86 |
| SPL650-50-PM, 658 nm, 50 mW, PM fiber, 4 µm, FC/APC | | | | | 1.019,60 | 1.085,22 |
| SPL650-80-4, 658 nm, 80 mW, SM fiber, 4 µm, FC/PC | | | | | 793,00 | 844,04 |
| SPL650-80-PM, 658 nm, 80 mW, PM fiber, 4 µm, FC/APC | | | | | 1.186,80 | 1.263,18 |
| SPL650-80-9, 658 nm, 80 mW, SM fiber, 9 µm, FC/PC | | | | | 339,90 | 361,78 |
| SPL650-100-9, 658 nm, 100 mW, SM fiber, 9 µm, FC/PC | | | | | 453,20 | 482,37 |
| SPL650-100-4, 658 nm, 100 mW, SM fiber, 4 µm, FC/PC | | | | | 1.019,60 | 1.085,22 |
| SPL650-100-PM, 658 nm, 100 mW, PM fiber, 4 µm, FC/APC | | | | | 1.510,50 | 1.607,72 |
| SPL650-120-105M, 658 nm, 120 mW, MM fiber, 105 µm, FC/PC | | | | | 226,60 | 241,18 |
| SPL650-150-105M, 658 nm, 150 mW, MM fiber, 105 µm, FC/PC | | | | | 271,90 | 289,40 |
| SPL650-1W-105M, 658 nm, 1 W, MM fiber, 105 µm, FC/PC | | | | | 861,00 | 916,42 |

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| SPL670-3-4-PD, 670 nm, 3 mW, SM fiber, 4 µm, FC/PC, PD | 566,40 | 602,85 | | |
| SPL670-3-PM-PD, 670 nm, 3 mW, PM fiber, 4 µm, FC/APC, PD | 906,30 | 964,63 | | |
| SPL670-5-4-PD, 670 nm, 5 mW, SM fiber, 4 µm, FC/PC, PD | 793,00 | 844,04 | | |
| SPL670-5-PM-PD, 670 nm, 5 mW, PM fiber, 4 µm, FC/APC, PD | 1.019,60 | 1.085,22 | | |
| SPL670-5-105M-PD, 670 nm, 5 mW, MM fiber, 105 µm, FC/PC, PD | 271,90 | 289,40 | | |
| SPL670-10-105M-PD, 670 nm, 10 mW, MM fiber, 105 µm, FC/PC, PD | 339,90 | 361,78 | | |
| SPL670-50-SM, 670 ±10 nm, 50 mW, SM fiber, 4 µm, N.A. 0.12, FC/PC con. | 599,00 | 637,55 | | |
| SPL670-50-PM, 670 ±10 nm, 50 mW, PM fiber, 4 µm, N.A. 0.12, FC/PC con. | 857,00 | 912,16 | | |
| SPL685-10-4-PD, 685 nm, 10 mW, SM fiber, 4 µm, FC/PC, PD | 566,40 | 602,85 | | |
| SPL685-10-PM-PD, 685 nm, 10 mW, PM fiber, 4 µm, FC/APC, PD | 906,30 | 964,63 | | |
| SPL685-15-4-PD, 685 nm, 15 mW, SM fiber, 4 µm, FC/PC, PD | 679,70 | 723,45 | | |
| SPL685-15-PM-PD, 685 nm, 15 mW, PM fiber, 4 µm, FC/APC, PD | 1.019,60 | 1.085,22 | | |
| SPL685-20-4-PD, 685 nm, 20 mW, SM fiber, 4 µm, FC/PC, PD | 793,00 | 844,04 | | |
| SPL685-20-PM-PD, 685 nm, 20 mW, PM fiber, 4 µm, FC/APC, PD | 1.186,80 | 1.263,18 | | |
| SPL685-30-105M-PD, 685 nm, 30 mW, MM fiber, 105 µm, FC/PC, PD | 294,60 | 313,56 | | |
| LD PIGTAILED INFRARED 785 - 940 nm | Status | MOQ | EUR / pc | USD / pc |
| SPL785-5-5-PD, 785 nm, 5 mW, SM fiber, 5 µm, FC/PC, PD | | | 328,60 | 349,75 |
| SPL785-30-5-PD, 785 nm, 30 mW, SM fiber, 5 µm, FC/PC, PD | | | 566,40 | 602,85 |
| SPL785-30-PM-PD, 785 nm, 30 mW, PM fiber, 5 µm, FC/APC, PD | | | 906,30 | 964,63 |
| SPL785-40-5-PD, 785 nm, 40 mW, SM fiber, 5 µm, FC/PC, PD | | | 793,00 | 844,04 |
| SPL785-40-PM-PD, 785 nm, 40 mW, PM fiber, 5 µm, FC/APC, PD | | | 1.019,60 | 1.085,22 |
| SPL785-50-5-PD, 785 nm, 50 mW, SM fiber, 5 µm, FC/PC, PD | | | 1.019,60 | 1.085,22 |
| SPL785-50-PM-PD, 785 nm, 50 mW, PM fiber, 5 µm, FC/APC, PD | | | 1.186,80 | 1.263,18 |
| SPL785-50-105M-PD, 785 nm, 50 mW, MM fiber, 105 µm, FC/PC, PD | | | 226,60 | 241,18 |
| SPL808-20-5-PD, 808 nm, 20 mW, SM fiber, 5 µm, FC/PC, PD | | | 566,40 | 602,85 |
| SPL808-20-PM-PD, 808 nm, 20 mW, PM fiber, 5 µm, FC/APC, PD | | | 906,30 | 964,63 |
| SPL808-30-PM-PD, 808 nm, 30 mW, PM fiber, 5 µm, FC/APC, PD | | | 1.019,60 | 1.085,22 |
| RLCD-M81-40, 808 ±5 nm, 40 mW, MM fiber, 62.5 µm, FC connector | | | 240,00 | 255,45 |
| SPL808-40-5-PD, 808 nm, 40 mW, SM fiber, 5 µm, FC/PC, PD | | | 793,00 | 844,04 |
| SPL808-50-5-PD, 808 nm, 50 mW, SM fiber, 5 µm, FC/PC, PD | | | 1.019,60 | 1.085,22 |
| RLCD-M81-60, 808 ±5 nm, 60 mW, MM fiber, 62.5 µm, FC connector | | | 237,60 | 252,89 |
| SPL808-30-5-PD, 808 nm, 30 mW, SM fiber, 5 µm, FC/PC, PD | | | 679,70 | 723,45 |
| SPL808-150-65M-PD, 808 nm, 150 mW, MM fiber, 62.5 µm, FC/PC, PD | | | 201,80 | 214,79 |
| SPL808-200-105M-PD, 808 nm, 200 mW, MM fiber, 105 µm, FC/PC, PD | | | 201,80 | 214,79 |
| SPL830-5-5-PD, 830 nm, 5 mW, SM fiber, 5 µm, FC/PC, PD | | | 362,50 | 385,83 |
| SPL830-30-5-PD, 830 nm, 30 mW, SM fiber, 5 µm, FC/PC, PD | | | 566,40 | 602,85 |
| SPL830-30-PM-PD, 830 nm, 30 mW, PM fiber, 5 µm, FC/APC, PD | | | 793,00 | 844,04 |
| SPL830-50-5-PD, 830 nm, 50 mW, SM fiber, 5 µm, FC/PC, PD | | | 679,70 | 723,45 |
| SPL830-50-PM-PD, 830 nm, 50 mW, PM fiber, 5 µm, FC/APC, PD | | | 906,30 | 964,63 |
| SPL830-80-5-PD, 830 nm, 80 mW, SM fiber, 5 µm, FC/PC, PD | | | 906,30 | 964,63 |
| SPL830-80-PM-PD, 830 nm, 80 mW, PM fiber, 5 µm, FC/APC, PD | | | 1.078,90 | 1.148,34 |
| SPL830-100-5-PD, 830 nm, 100 mW, SM fiber, 5 µm, FC/PC, PD | | | 1.186,80 | 1.263,18 |
| SPL830-100-PM-PD, 830 nm, 100 mW, PM fiber, 5 µm, FC/APC, PD | | | 1.186,80 | 1.263,18 |
| SPL830-150-105M-PD, 830 nm, 150 mW, MM fiber, 105 µm, FC/PC, PD | | | 226,60 | 241,18 |
| SPL830-200-105M-PD, 830 nm, 200 mW, MM fiber, 105 µm, FC/PC, PD | | | 271,90 | 289,40 |
| SPL850-10-5-PD, 850 nm, 10 mW, SM fiber, 5 µm, FC/PC, PD | | | 453,20 | 482,37 |
| SPL850-30-5-PD, 850 nm, 30 mW, SM fiber, 5 µm, FC/PC, PD | | | 566,40 | 602,85 |
| SPL850-30-PM-PD, 850 nm, 30 mW, PM fiber, 5 µm, FC/APC, PD | | | 906,30 | 964,63 |
| SPL850-50-5-PD, 850 nm, 50 mW, SM fiber, 5 µm, FC/PC, PD | | | 679,70 | 723,45 |
| SPL850-50-PM-PD, 850 nm, 50 mW, PM fiber, 5 µm, FC/APC, PD | | | 1.019,60 | 1.085,22 |
| SPL850-50-105M-PD, 850 nm, 50 mW, MM fiber, 105 µm, FC/PC, PD | | | 178,00 | 189,46 |
| SPL850-70-5-PD, 850 nm, 50 mW, SM fiber, 5 µm, FC/PC, PD | | | 793,00 | 844,04 |
| SPL850-70-PM-PD, 850 nm, 70 mW, PM fiber, 5 µm, FC/APC, PD | | | 1.186,80 | 1.263,18 |
| SPL850-120-105M-PD, 850 nm, 120 mW, MM fiber, 105 µm, FC/PC, PD | | | 226,60 | 241,18 |
| SPL850-200-105M-PD, 850 nm, 200 mW, MM fiber, 105 µm, FC/PC, PD | | | 271,90 | 289,40 |
| SPL880-2-5-PD, 880 nm, >1 mW, SM fiber, 5 µm, FC/PC, PD | | | 453,20 | 482,37 |
| SPL880-2-PM-PD, 880 nm, >1 mW, PM fiber, 5 µm, FC/APC, PD | | | 906,30 | 964,63 |
| SPL880-2-105M-PD, 880 nm, 2 mW, MM fiber, 105 µm, FC/PC, PD | | | 271,90 | 289,40 |
| SPL905-30-5-PD, 905 nm, 30 mW, SM fiber, 5 µm, FC/PC, PD | | | 566,40 | 602,85 |
| SPL905-30-PM-PD, 905 nm, 30 mW, PM fiber, 5 µm, FC/APC, PD | | | 906,30 | 964,63 |
| SPL905-50-4-PD, 905 nm, 50 mW, SM fiber, 5 µm, FC/PC, PD | | | 679,70 | 723,45 |
| SPL905-50-PM-PD, 905 nm, 50 mW, PM fiber, 5 µm, FC/APC, PD | | | 1.019,60 | 1.085,22 |
| SPL905-50-105-PD, 905 nm, 50 mW, MM fiber, 105 µm, FC/PC, PD | | | 249,20 | 265,24 |
| SPL905-70-4-PD, 905 nm, 70 mW, SM fiber, 5 µm, FC/PC, PD | | | 906,30 | 964,63 |
| SPL905-100-105-PD, 905 nm, 100 mW, MM fiber, 105 µm, FC/PC, PD | | | 294,60 | 313,56 |
| SPL940-30-5-PD, 940 nm, 30 mW, SM fiber, 5 µm, FC/PC, PD | | | 566,40 | 602,85 |
| SPL940-30-9-PD, 940 nm, 30 mW, SM fiber, 9 µm, FC/PC, PD | | | 271,90 | 289,40 |
| SPL940-30-PM-PD, 940 ±10 nm, 30 mW, PM fiber, 4 µm, FC/APC | | | 906,30 | 964,63 |
| SPL940-50-5-PD, 940 nm, 50 mW, SM fiber, 5 µm, FC/PC, PD | | | 679,70 | 723,45 |
| SPL940-50-9-PD, 940 nm, 50 mW, SM fiber, 9 µm, FC/PC, PD | | | 339,90 | 361,78 |
| SPL940-50-PM-PD, 940 nm, 50 mW, PM fiber, 5 µm, FC/APC, PD | | | 1.019,60 | 1.085,22 |
| SPL940-80-5-PD, 940 nm, 80 mW, SM fiber, 5 µm, FC/PC, PD | | | 793,00 | 844,04 |

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| SPL940-80-PM-PD, 940 nm, 80 mW, PM fiber, 5 µm, FC/APC, PD | | | 1.078,90 | 1.148,34 |
| SPL940-100-5-PD, 940 nm, 100 mW, SM fiber, 5 µm, FC/PC, PD | | | 906,30 | 964,63 |
| SPL940-100-9-PD, 940 nm, 100 mW, SM fiber, 9 µm, FC/PC, PD | | | 453,20 | 482,37 |
| SPL940-100-105M-PD, 940 nm, 100 mW, MM fiber, 105 µm, FC/PC, PD | | | 271,90 | 289,40 |
| SPL940-150-105M-PD, 940 nm, 150 mW, MM fiber, 105 µm, FC/PC, PD | | | 339,90 | 361,78 |
| SPL940-200-105M-PD, 940 nm, 200 mW, MM fiber, 105 µm, FC/PC, PD | | | 407,80 | 434,05 |
| LD PIGTAILED INFRARED 980 - 1390 nm | Status | MOQ | EUR / pc | USD / pc |
| SPL980-10-6-PD, 976 nm, 10 mW, SM fiber, 6 µm, FC/PC, PD | | | 339,90 | 361,78 |
| SPL980-10-9-PD, 976 nm, 10 mW, SM fiber, 9 µm, FC/PC, PD | | | 189,90 | 202,12 |
| SPL980-15-9-PD, 976 nm, 15 mW, SM fiber, 9 µm, FC/PC, PD | | | 214,30 | 228,09 |
| SPL980-20-9-PD, 976 nm, 20 mW, SM fiber, 9 µm, FC/PC, PD | | | 238,10 | 253,42 |
| SPL980-100-105M-PD, 976 nm, 100 mW, MM fiber, 105 µm, FC/PC, PD | | | 189,90 | 202,12 |
| SPL980-150-105M-PD, 976 nm, 150 mW, MM fiber, 105 µm, FC/PC, PD | | | 213,60 | 227,35 |
| SPL1064-10-6-PD, 1064 nm, 10 mW, SM fiber, 6 µm, FC/PC, PD | | | 399,00 | 424,68 |
| SPL1064-10-9-PD, 1064 nm, 10 mW, SM fiber, 9 µm, FC/PC, PD | | | 360,10 | 383,28 |
| SPL1064-10-PM-PD, 1064 nm, 10 mW, PM fiber, 6 µm, FC/APC, PD | | | 761,90 | 810,94 |
| SPL1064-15-6-PD, 1064 nm, 15 mW, SM fiber, 6 µm, FC/PC, PD | | | 566,40 | 602,85 |
| SPL1064-30-105M-PD, 1064 nm, 30 mW, MM fiber, 105 µm, FC/PC, PD | | | 294,60 | 313,56 |
| SPL1064-100-105M-PD, 1064 nm, 100 mW, MM fiber, 105 µm, FC/PC, PD | | | 339,90 | 361,78 |
| SPL1270-2-C9-PDI, 1270 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1270-2-PM-PDI, 1270 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1270-5-9-PDI, 1270 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1270-5-PM-PDI, 1270 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1270-10-9-PDI, 1270 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 498,50 | 530,58 |
| SPL1270-10-PM-PDI, 1270 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.078,90 | 1.148,34 |
| SPL1290-2-9-PDI, 1290 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 339,90 | 361,78 |
| SPL1290-2-C9-PDI, 1290 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1290-2-PM-PDI, 1290 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1290-5-9-PDI, 1290 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1290-5-PM-PDI, 1290 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1290-10-9-PDI, 1290 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 498,50 | 530,58 |
| SPL1290-10-PM-PDI, 1290 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.078,90 | 1.148,34 |
| FU-17SLD-F3M1, 1310 ±20 nm, 0.5 mW, FC-receptacle | | | 142,04 | 151,18 |
| LFO-14-IP, 1310 ±20 nm, 1 mW, FP, SM, 9/125 fiber, FC connector | EOL | | 262,00 | 278,86 |
| LFO-14-D, 1310 ±20 nm, >1 mW, FP, SM, 9/125 fiber, FC connector, internal driver, 3V | EOL | | 283,00 | 301,21 |
| SPL1310FP-1-C9-PD, 1310 nm, 1 mW, FP, SM fiber, 9 µm, FC/PC, PD, coaxial package | | 3 pcs. | 79,30 | 84,40 |
| SPL1310FP-2-C9-PD, 1310 nm, 2 mW, FP, SM fiber, 9 µm, FC/PC, PD, coaxial package | | | 102,00 | 108,56 |
| SPL1310-2-C9-PDI, 1310 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1310-2-PM-PDI, 1310 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1310-3-C9-PD, 1310 nm, ≥2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, coaxial package | | | 189,90 | 202,12 |
| SPL1310-5-9-PD, 1310 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD | | | 226,60 | 241,18 |
| SPL1310-5-9-PDI, 1310 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1310-5-PM-PDI, 1310 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1310-10-9-PD, 1310 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD | | | 305,90 | 325,59 |
| SPL1310-10-9-PDI, 1310 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 498,50 | 530,58 |
| SPL1310-10-PM-PD, 1310 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD | | | 799,00 | 850,43 |
| SPL1310-10-PM-PDI, 1310 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.019,60 | 1.085,22 |
| SPL1310-15-9-PD, 1310 nm, 15 mW, DFB, SM fiber, 9 µm, FC/PC, PD | | | 362,50 | 385,83 |
| SPL1310-15-PM-PD, 1310 nm, 15 mW, DFB, PM fiber, 9 µm, FC/APC, PD | | | 1.019,60 | 1.085,22 |
| SPL1310-15-PM-PDI, 1310 nm, 15 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.087,60 | 1.157,60 |
| SPL1330-2-C9-PDI, 1330 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1330-2-PM-PDI, 1330 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1330-5-9-PDI, 1330 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1330-5-PM-PDI, 1330 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1330-10-9-PDI, 1330 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 498,50 | 530,58 |
| SPL1330-10-PM-PDI, 1330 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.078,90 | 1.148,34 |
| SPL1350-2-C9-PDI, 1350 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1350-2-PM-PDI, 1350 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1350-5-9-PDI, 1350 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1350-5-PM-PDI, 1350 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1350-10-9-PDI, 1350 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 498,50 | 530,58 |
| SPL1350-10-PM-PDI, 1350 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.078,90 | 1.148,34 |
| SPL1370-2-C9-PDI, 1370 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1370-2-PM-PDI, 1370 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1370-5-9-PDI, 1370 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1370-5-PM-PDI, 1370 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1370-10-9-PDI, 1370 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 498,50 | 530,58 |

| | | | | |
|---|---------------|------------|-----------------|-----------------|
| SPL1370-10-PM-PDI, 1370 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.078,90 | 1.148,34 |
| SPL1390-2-C9-PDI, 1390 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1390-2-PM-PDI, 1390 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1390-5-9-PDI, 1390 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1390-5-PM-PDI, 1390 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1390-10-9-PDI, 1390 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 498,50 | 530,58 |
| SPL1390-10-PM-PDI, 1390 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.078,90 | 1.148,34 |
| LD PIGTAILED INFRARED 1410 - 1650 nm | Status | MOQ | EUR / pc | USD / pc |
| SPL1410-2-C9-PDI, 1410 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1410-2-PM-PDI, 1410 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1410-5-9-PDI, 1410 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1410-5-PM-PDI, 1410 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1410-10-9-PDI, 1410 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 498,50 | 530,58 |
| SPL1410-10-PM-PDI, 1410 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.078,90 | 1.148,34 |
| SPL1430-2-C9-PDI, 1430 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1430-2-PM-PDI, 1430 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1430-5-9-PDI, 1430 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1430-5-PM-PDI, 1430 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1430-10-9-PDI, 1430 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 498,50 | 530,58 |
| SPL1430-10-PM-PDI, 1430 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.078,90 | 1.148,34 |
| SPL1450-2-C9-PDI, 1450 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1450-2-PM-PDI, 1450 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1450-5-9-PDI, 1450 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1450-5-PM-PDI, 1450 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1450-10-9-PDI, 1450 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 498,50 | 530,58 |
| SPL1450-10-PM-PDI, 1450 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.078,90 | 1.148,34 |
| SPL1470-2-C9-PDI, 1470 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1470-2-PM-PDI, 1470 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1470-5-9-PDI, 1470 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1470-5-PM-PDI, 1470 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1470-10-9-PDI, 1470 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 498,50 | 530,58 |
| SPL1470-10-PM-PDI, 1470 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.078,90 | 1.148,34 |
| SPL1490-2-C9-PDI, 1490 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1490-2-PM-PDI, 1490 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1490-5-9-PDI, 1490 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1490-5-PM-PDI, 1490 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1490-10-9-PDI, 1490 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 498,50 | 530,58 |
| SPL1490-10-PM-PDI, 1490 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.078,90 | 1.148,34 |
| SPL1510-2-C9-PDI, 1510 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1510-2-PM-PDI, 1510 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1510-5-9-PDI, 1510 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1510-5-PM-PDI, 1510 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1510-10-9-PDI, 1510 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 498,50 | 530,58 |
| SPL1510-10-PM-PDI, 1510 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.078,90 | 1.148,34 |
| SPL1530-2-C9-PDI, 1530 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1530-2-PM-PDI, 1530 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1530-5-9-PDI, 1530 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1530-5-9-PDI-FCA, 1530 nm, 5 mW, DFB, SM fiber, 9 µm, FC/APC, PD, isolator | | | 407,80 | 434,05 |
| SPL1530-5-PM-PDI, 1530 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1530-10-9-PDI, 1530 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 498,50 | 530,58 |
| SPL1530-10-PM-PDI, 1530 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.078,90 | 1.148,34 |
| SPL1550FP-1-C9-PD, 1550 nm, 1 mW, FP, SM fiber, 9 µm, FC/PC, PD, coaxial package | | 3 pcs. | 79,30 | 84,40 |
| SPL1550FP-2-C9-PD, 1550 nm, 2 mW, FP, SM fiber, 9 µm, FC/PC, PD, coaxial package | | | 107,14 | 114,04 |
| SPL1550FP-2-C9-PDI, 1550 nm, 2 mW, FP, SM fiber, 9 µm, FC/PC, PD, coaxial package, optical isolator | | 3 pcs. | 119,00 | 126,66 |
| SPL1550-2-C9-PDI, 1550 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 207,00 | 220,32 |
| SPL1550-2-PM-PDI, 1550 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 699,00 | 743,99 |
| SPL1550-2-C9-PD, 1550 ±10 nm, 2 mW, DFB, 1.25 GB/s, SM fiber, 9 µm, N.A 0.12, coaxial package | | | 184,00 | 195,84 |
| SPL1550-3-C9-PD, 1550 nm, ≥2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, coaxial package | | | 189,90 | 202,12 |
| SPL1550-3-C9-PD-FCA, 1550 nm, ≥2 mW, DFB, SM fiber, 9 µm, FC/APC, PD, coaxial package | | | 189,90 | 202,12 |
| SPL1550-5-9-PD, 1550 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD | | | 226,60 | 241,18 |
| SPL1550-5-9-PDI, 1550 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 253,00 | 269,28 |
| SPL1550-5-PM-PDI, 1550 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1550-8-9-PD, 1550 nm, 8 mW, DFB, SM fiber, 9 µm, FC/PC, PD | | | 305,90 | 325,59 |
| SPL1550-10-9-PD, 1550 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD | | | 362,50 | 385,83 |
| SPL1550-10-9-PDI, 1550 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 414,00 | 440,65 |
| SPL1550-10-PM-PDI, 1550 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 1.019,60 | 1.085,22 |
| SPL1570-2-C9-PDI, 1570 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | | | 339,90 | 361,78 |
| SPL1570-2-PM-PDI, 1570 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 793,00 | 844,04 |
| SPL1570-5-9-PDI, 1570 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | | | 407,80 | 434,05 |
| SPL1570-5-9-PDI-FCA, 1570 nm, 5 mW, DFB, SM fiber, 9 µm, FC/APC, PD, isolator | | | 407,80 | 434,05 |
| SPL1570-5-PM-PDI, 1570 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | | | 906,30 | 964,63 |
| SPL1570-10-9-PDI, 1570 ±10 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC con., photodiode, isolator | | | 524,00 | 557,73 |

| | | |
|---|----------|----------|
| SPL1570-10-PM-PDI, 1570 ±10 nm, 10 mW, DFB, PM fiber, 9 µm, FC/APC con., photodiode, isolator | 857,00 | 912,16 |
| SPL1590-2-C9-PDI, 1590 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | 339,90 | 361,78 |
| SPL1590-2-PM-PDI, 1590 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | 793,00 | 844,04 |
| SPL1590-5-9-PDI, 1590 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | 407,80 | 434,05 |
| SPL1590-5-PM-PDI, 1590 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | 906,30 | 964,63 |
| SPL1590-8-9-PDI, 1590 nm, 8 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | 498,50 | 530,58 |
| SPL1610-2-C9-PDI, 1610 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | 339,90 | 361,78 |
| SPL1610-2-PM-PDI, 1610 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | 793,00 | 844,04 |
| SPL1610-5-9-PDI, 1610 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | 407,80 | 434,05 |
| SPL1610-5-PM-PDI, 1610 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | 906,30 | 964,63 |
| SPL1610-8-9-PDI, 1610 nm, 8 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | 498,50 | 530,58 |
| SPL1625-2-9-PDI, 1625 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | 453,20 | 482,37 |
| SPL1625-2-C9-PDI, 1625 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | 453,20 | 482,37 |
| SPL1625-2-PM-PDI, 1625 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | 1.019,60 | 1.085,22 |
| SPL1625-5-9-PDI, 1625 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | 566,40 | 602,85 |
| SPL1625-5-PM-PDI, 1625 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | 1.078,90 | 1.148,34 |
| SPL1625-8-9-PDI, 1625 nm, 8 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | 679,70 | 723,45 |
| SPL1650-2-9-PDI, 1650 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | 453,20 | 482,37 |
| SPL1650-2-C9-PDI, 1650 nm, 2 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator, coaxial package | 453,20 | 482,37 |
| SPL1650-2-PM-PDI, 1650 nm, 2 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | 1.019,60 | 1.085,22 |
| SPL1650-5-9-PDI, 1650 nm, 5 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | 566,40 | 602,85 |
| SPL1650-5-PM-PDI, 1650 nm, 5 mW, DFB, PM fiber, 9 µm, FC/APC, PD, isolator | 1.078,90 | 1.148,34 |
| SPL1650-8-9-PDI, 1650 nm, 8 mW, DFB, SM fiber, 9 µm, FC/PC, PD, isolator | 679,70 | 723,45 |

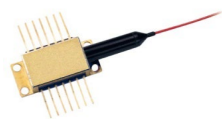
LASER DIODES - FIBER RECEPTACLE



Fiber Receptacle Laser Diodes
- single and multi mode
- different connectors available
375 - 980 nm

| LD Fiber receptacle package | Status | MOQ | EUR / pc | USD / pc |
|--|--------|---------|----------|----------|
| SPR375-100-105M-SC, 375 ±10 nm, 100 mW, SC connector, fiber receptacle, suitable for 105 µm MM fiber | | | 1.186,80 | 1.263,18 |
| SPR375-100-105M-T-9P-SMA, 375 ±10 nm, 100 mW, SMA connector, fiber receptacle, suitable for 105 µm MM fiber, TEC | | | 1.726,30 | 1.837,41 |
| SPR830-150-105M-PD, 830 nm, 150 mW, FC connector, receptacle, suitable for 105 µm MM fiber, PD | | 5 pcs. | 252,50 | 268,75 |
| SPR830-180-62M-PD-FC, 830 ±15 nm, >160 mW, FC connector, fiber receptacle, suitable for 62.5 µm MM fiber, PD | | 10 pcs. | 220,90 | 235,12 |
| SPR940-180-62M-PD-FC, 940 ±15 nm, 180 mW, FC connector, fiber receptacle, suitable for 62.5 µm MM fiber, PD | | 10 pcs. | 284,00 | 302,28 |
| SPR980-100-105M-PD, 976 nm, 100 mW, FC connector, receptacle, suitable for 105 µm MM fiber, PD | | 5 pcs. | 203,90 | 217,02 |

LASER DIODES - PIGTAILED HHL



High Power Pigtailed Laser Diodes
- TEC
- single and multi mode
- different connectors and housings available
395 - 1650 nm

| LD PIGTAILED HHL UV 395 - 400 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|--------|----------|----------|
| SPM395-200-105M-PDT-14P, 395 ±10 nm, 200 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 14-PIN | | | 1.019,60 | 1.085,22 |
| SPM400-400-105M-PDT-14P, 400 ±5 nm, 400 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 14-PIN | | | 1.186,80 | 1.263,18 |
| SPM405-300-105M-PDT-14P, 405 ±10 nm, 300 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 14-PIN | | | 906,30 | 964,63 |
| SPM405-450-105M-PDT-14P, 405 ±10 nm, 450 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 14-PIN | | | 1.019,60 | 1.085,22 |
| SPM405-50-3-PDT-14P, 405 ±10 nm, 50 mW, SM fiber, 3 µm, N.A. 0.12, FC/PC, PD, TEC, 14-PIN | | 2 pcs. | 1.281,80 | 1.364,30 |
| LD PIGTAILED HHL VISIBLE 445 - 690 nm | Status | MOQ | EUR / pc | USD / pc |
| SPM445-3W5-105M-PDT-9P, 445 ±10 nm, >3 W, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN | | | 906,30 | 964,63 |
| SPM450-800-105M-PDT-14P, 450 nm, 800 mW, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin | | | 679,70 | 723,45 |
| SPM450-1W-105M-PD-4P, 450 nm, 1 W, MM fiber, 105 µm, FC/PC, PD, 4-Pin | | | 566,40 | 602,85 |
| SPM450-1W-105M-PDT-14P, 450 ±10 nm, >800 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 14-PIN | | | 793,00 | 844,04 |
| SPM450-3W5-50M-PDT-9P, 450 nm, 3.5 W, MM fiber, 50 µm, FC/PC, PD, TEC, 9-Pin | | | 1.019,60 | 1.085,22 |
| SPM450-3W5-105M-P2, 450 nm, 3.5 W, MM fiber, 105 µm, FC/PC | | | 679,70 | 723,45 |
| SPM450-3W5-105M-PDT-9P, 450 nm, 3.5 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | | 906,30 | 964,63 |
| SPM450-3W5-200M-PDT-9P, 450 nm, 3.5 W, MM fiber, 200 µm, FC/PC, PD, TEC, 9-Pin | | | 667,00 | 709,93 |
| SPM450-10W-200M-H, 450 nm, 10 W, MM fiber, 200 µm, FC/PC, HHL | | | 1.402,60 | 1.492,87 |
| SPM450-20W-200M-H, 450 nm, 20 W, MM fiber, 200 µm, FC/PC, HHL | | | 1.674,00 | 1.781,74 |
| SPM455-4W-200M-PDT-9P, 455 ±10 nm, 4 W, MM fiber, 200 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN | | | 793,00 | 844,04 |
| SPM465-2W-105M-PDT-9P, 465 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | | 1.019,60 | 1.085,22 |
| SPM465-7W-200M-H, 465 nm, 7 W, MM fiber, 200 µm, FC/PC, HHL | | | 2.255,00 | 2.400,14 |
| SPM465-15W-400M-H, 465 nm, 15 W, MM fiber, 400 µm, FC/PC, HHL | | | 3.301,60 | 3.514,10 |
| SPM520-80-9-PDT-8P, 520 ±10 nm, 80 mW, SM fiber, 9 µm, N.A. 0.12, FC/PC, TEC, 8-PIN | | | 793,00 | 844,04 |
| SPM520-100-105M-PDT-14P, 520 nm, 100 mW, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin | | | 679,70 | 723,45 |

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| SPM520-200-105M-PDT-14P, 520 nm, 200 mW, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin | 2 pcs. | 638,70 | 679,81 | |
| SPM520-800-105M-PDT-9P, 520 nm, 800 mW, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | 793,00 | 844,04 | |
| SPM520-1W2-105M-PDT-9P, 520 nm, >1 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | 906,30 | 964,63 | |
| SPM525-800-105M-PDT-9P, 525 ±10 nm, >700 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN | | 793,00 | 844,04 | |
| SPM525-1W2-105M-PDT-9P, 525 ±10 nm, >1 W, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN | | 906,30 | 964,63 | |
| SPM525-2W5-200M-H, 525 nm, 2.5 W, MM fiber, 200 µm, FC/PC, HHL | | 1.834,20 | 1.952,25 | |
| SPM525-5W-200M-H, 525 nm, 5 W, MM fiber, 200 µm, FC/PC, HHL | | 2.665,00 | 2.836,52 | |
| SPM530-1W-105M-PDT-9P, 532 ±10 nm, 1 W, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN | | 928,60 | 988,37 | |
| SPM630-300-105M-PDT-9P, 630 ±5 nm, 300 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN | | 1.186,80 | 1.263,18 | |
| SPM633-700-105M-PDT-9P, 633 ±5 nm, 700 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN | | 1.186,80 | 1.263,18 | |
| RLCD-M63H-350, 635 ±10 nm, 350 mW, MM fiber, 100 µm, FC or SMA Connector | | 2.108,00 | 2.243,68 | |
| SPM635-400-400M-PDT-14P, 638 nm, 400 mW, MM fiber, 400 µm, FC/PC, PD, TEC, 14-Pin | | 679,70 | 723,45 | |
| RLCD-M63H-1W, 635 ±10 nm, 1 W, MM fiber bundle, 400 µm, FC or SMA Connector | | 5.275,00 | 5.614,51 | |
| SPM635-1W-105M-PDT-9P, 638 nm, 1 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | 906,30 | 964,63 | |
| SPM635-1W8-200M-PDT-9P, 638 nm, 1.8 W, MM fiber, 200 µm, FC/PC, PD, TEC, 9-Pin | | 1.019,60 | 1.085,22 | |
| RLCD-M63H-2W, 635 ±10 nm, 2 W, MM fiber bundle, 400 µm, FC or SMA Connector | | 7.610,00 | 8.099,79 | |
| RLCD-M65H-200, 650 ±5 nm, 200 mW, MM fiber, 100 µm, FC or SMA Connector | | 620,00 | 659,90 | |
| SPM653-700-105M-PDT-9P, 653 ±5 nm, 700 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN | | 1.402,60 | 1.492,87 | |
| SPM650-800-105M-4P, 658 nm, 800 mW, MM fiber, 105 µm, FC/PC, 4-Pin | | 725,10 | 771,77 | |
| SPM650-800-105M-PDT-9P, 658 nm, 800 mW, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | 1.019,60 | 1.085,22 | |
| SPM650-1W-105M-PDT-9P, 658 nm, 1 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | 1.078,90 | 1.148,34 | |
| SPM660-10-4-PDT-8P, 660 nm, 10 mW, SM fiber, 4 µm, FC/PC, PD, TEC, 8-Pin | | 543,80 | 578,80 | |
| SPM660-20-4-T-8P, 660 nm, 20 mW, SM fiber, 4 µm, FC/PC, TEC, 8-Pin | | 385,20 | 409,99 | |
| RLCD-S66H-40, 660 ±5 nm, 40 mW, SM fiber, 4 µm, HHL, TEC, FC-Connector | | 978,00 | 1.040,95 | |
| RLCD-S66H-60, 660 ±5 nm, 60 mW, SM fiber, 4 µm, HHL, TEC, FC-Connector | | | | |
| SPM660-60-4-T-8P, 660 nm, 60 mW, SM fiber, 4 µm, FC/PC, TEC, 8-Pin | | 793,00 | 844,04 | |
| RLCD-S66H-80, 660 ±5 nm, 80 mW, SM fiber, 4 µm, HHL, TEC, FC-Connector | | | | |
| SPM660-80-4-T-8P, 660 nm, 80 mW, SM fiber, 4 µm, FC/PC, TEC, 8-Pin | | 1.019,60 | 1.085,22 | |
| SPM660-800-105M-PDT-14P, 660 ±10 nm, 800 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 14-PIN | | 793,00 | 844,04 | |
| SPM660-1W-105M-PDT-14P, 660 ±10 nm, 1 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin | | 793,00 | 844,04 | |
| G066PU214W, 660 ±5 nm, 1.4 W, MM, 430 µm fiber, TEC, SMA connector | | 3.153,19 | 3.356,14 | |
| SPM660-3W-300M-T-10P, 660 ±10 nm, 3 W, MM fiber, 3x105 µm, FC/PC, TEC, 10-Pin | | 2.084,00 | 2.218,13 | |
| G066PU335W, 660 ±5 nm, 3.5 W, MM, 600 µm fiber, TEC, SMA connector | | 5.382,71 | 5.729,15 | |
| SPM660-5W-400M-T-10P, 660 ±10 nm, 5 W, MM fiber, 5x105 µm, FC/PC, TEC, 10-Pin | | 2.895,00 | 3.081,33 | |
| SPM670-50-4-T8P, 670 nm, 50 mW, SM fiber, 4 µm, FC/PC, TEC, thermistor, 8-Pin | | 799,00 | 850,43 | |
| SPM670-50-PM-T8P, 670 nm, 50 mW, PM fiber, 4 µm, FC/PC, TEC, thermistor, 8-pin | | 899,00 | 956,86 | |
| G067PU160M, 670 ±10 nm, 160 mW, MM, 100 µm fiber, FC connector | | 810,00 | 862,13 | |
| G067PU200M, 670 ±10 nm, 200 mW, MM, 100 µm fiber, FC connector | | 1.200,00 | 1.277,23 | |
| SPM680-800-105M-4P, 680 nm, >750 mW, MM fiber, 105 µm, FC/PC, 4-Pin | | 1.087,60 | 1.157,60 | |
| SPM680-800-105M-PDT-9P, 680 nm, >750 mW, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | 1.294,70 | 1.378,03 | |
| SPM690-800-105M-PDT-9P, 690 ±10 nm, >750 mW, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN | | 1.402,60 | 1.492,87 | |
| LD PIGTAILED HHL INFRARED 780 - 940 nm | Status | MOQ | EUR / pc | USD / pc |
| RLT780M-1WFC, 785 ±5 nm, 1 W, MM, 100 µm, fiber, TEC, FC/PC, 14-Pin butterfly | | | 831,00 | 884,48 |
| RLT780M-1.5WFC, 785 ±5 nm, 1 W, MM, 100 µm, fiber, TEC, FC/PC, 14-Pin butterfly | | | 982,80 | 1.046,05 |
| SPM785-2W-105M-PDT-14P, 785 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin | | | 793,00 | 844,04 |
| SPM785-3W-105M-2P, 785 nm, 3 W, MM fiber, 105 µm, FC/PC, 2-Pin | | | 566,40 | 602,85 |
| SPM785-3W-105M-PDT-9P, 785 nm, 3 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | | 793,00 | 844,04 |
| RLT808M-1.5WFC, 808 ±5 nm, 1.5 W, MM, 100 µm, fiber, FC/PC, TEC | | | 770,00 | 819,56 |
| SPM808-2W-105M-PDT-14P, 808 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin | | | 634,40 | 675,23 |
| SPM808-2W5-105M-2P, 808 nm, 2.5 W, MM fiber, 105 µm, FC/PC, 2-Pin | | | 271,90 | 289,40 |
| RLT808M-3WFC, 808 ±5 nm, 3 W, MM, 100 µm, fiber, FC/PC, TEC | | | 1.015,00 | 1.080,33 |
| SPM808-4W-105M-2P, 808 nm, 4 W, MM fiber, 105 µm, FC/PC, 2-Pin | | | 339,90 | 361,78 |
| SPM808-4W-105M-PDT-9P, 808 nm, 4 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | | 793,00 | 844,04 |
| SPM808-5W-105M-2P, 808 nm, 5 W, MM fiber, 105 µm, FC/PC, 2-Pin | | | 362,50 | 385,83 |
| SPM808-8W-105M-2P, 808 nm, 8 W, MM fiber, 105 µm, FC/PC, 2-Pin | | | 498,50 | 530,58 |
| SPM808-8W-105M-PDT-9P, 808 nm, 8 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | | 906,30 | 964,63 |
| RLT808M-8WFC, 808 ±5 nm, 8 W, MM, 100 µm, fiber, SMA, TEC | | | 1.312,50 | 1.396,98 |
| RLT808M-10WFC, 808 ±5 nm, 10 W, MM, 400 µm, fiber, SMA, TEC | | | 1.400,00 | 1.490,11 |
| G081PU1600M, 808 ±5 nm, 0.6 W, MM, 100 µm fiber, NA 0.22, connector | | | 428,00 | 455,55 |
| G081PU1750M, 808 ±5 nm, 0.75 W, MM, 100 µm fiber, NA 0.22, connector | | | 435,00 | 463,00 |
| G081PU11500M, 808 ±5 nm, 1.5 W, MM, 100 µm fiber, NA 0.22, connector | | | 524,00 | 557,73 |
| RLCO-808-2000-F, 808 ±3 nm, 2 W, MM, 100 µm fiber, NA 0.22, SMA connector | EOL | | 499,00 | 531,12 |
| G081PU25W, 808 ±5 nm, 5 W, MM, 400 µm fiber, NA 0.22, connector | | | 1.069,00 | 1.137,80 |
| G081PU210W, 808 ±5 nm, 10 W, MM, 400 µm fiber, NA 0.22, connector | | | 1.710,00 | 1.820,06 |
| SPM830-1W-50M-2P, 830 nm, 1 W, MM fiber, 50 µm, FC/PC, 2-Pin | | | 336,00 | 357,63 |
| SPM830-2W-105M-PDT-14P, 830 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin | | | 793,00 | 844,04 |
| SPM830-3W-105M-2P, 830 nm, 3 W, MM fiber, 105 µm, FC/PC, 2-Pin | | | 453,20 | 482,37 |
| SPM860-2W-105M-PD-4P, 860 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, 4-Pin | | | 634,40 | 675,23 |
| SPM860-2W-200M-PDT-14P, 860 nm, 2 W, MM fiber, 200 µm, FC/PC, PD, TEC, 14-Pin | | | 906,30 | 964,63 |
| SPM880-2W-105M-PDT-14P, 880 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin | | | 793,00 | 844,04 |
| SPM880-3W-105M-2P, 880 nm, 3 W, MM fiber, 105 µm, FC/PC, 2-Pin | | | 453,20 | 482,37 |
| RLT915M-1.5WFC, 915 ±5 nm, 1.5 W, MM fiber, 100 µm, FC/APC, TEC, PD, butterfly package | 5 pcs. | | 798,00 | 849,36 |

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| SPM915-2W-105M-PDT-14P, 915 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin | 2 pcs. | 698,60 | 743,56 | |
| SPM915-10W-105M-2P, 915 nm, 10 W, MM fiber, 105 µm, FC/PC, 2-Pin | 2 pcs. | 252,50 | 268,75 | |
| SPM915-10W-105M-PDT-9P, 915 nm, 10 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | 2 pcs. | 698,60 | 743,56 | |
| SPM915-10W-105M-PDTA-15P, 915 nm, 10 W, MM fiber, 105 µm, FC/PC, PD, TEC, Aiming Beam, 15-Pin | 2 pcs. | 873,90 | 930,15 | |
| SPM915-20W-105M-H2P, 915 nm, 20 W, MM fiber, 105 µm, FC/PC, 2-Pin | 2 pcs. | 378,70 | 403,07 | |
| SPM915-30W-105M-H2P, 915 nm, 30 W, MM fiber, 105 µm, FC/PC, 2-Pin | 2 pcs. | 512,50 | 545,49 | |
| SPM940-2W-105M-PDT-14P, 940 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin | 2 pcs. | 698,60 | 743,56 | |
| SPM940-10W-105M-2P, 940 nm, 10 W, MM fiber, 105 µm, FC/PC, 2-Pin | 2 pcs. | 315,60 | 335,91 | |
| SPM940-10W-105M-PDT-9P, 940 nm, 10 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | 2 pcs. | 698,60 | 743,56 | |
| SPM940-10W-105M-PDTA-15P, 940 nm, 10 W, MM fiber, 105 µm, FC/PC, PD, TEC, Aiming Beam, 15-Pin | 2 pcs. | 873,90 | 930,15 | |
| SPM940-20W-105M-H2P, 940 nm, 20 W, MM fiber, 105 µm, FC/PC, 2-Pin | 2 pcs. | 512,50 | 545,49 | |
| SPM940-30W-105M-H2P, 940 nm, 30 W, MM fiber, 105 µm, FC/PC, 2-Pin | 2 pcs. | 698,60 | 743,56 | |
| LD PIGTAILED HHL INFRARED 975 - 1650 nm | Status | MOQ | EUR / pc | USD / pc |
| RLT975M-3WFC, 975 ±5 nm, 3 W, MM, 100 µm fiber, FC/PC, TEC | | | 1.121,00 | 1.193,15 |
| RLT975M-10WFC, 975 ±5 nm, 10 W, MM, 200 µm fiber, SMA, TEC | | | 1.354,00 | 1.441,15 |
| RLCO-980-0500-F, 980 ±10 nm, 0.5 W, MM, 100 µm fiber, NA 0.22, SMA connector | EOL | | 193,00 | 205,42 |
| G098PU1600M, 980 ±5 nm, 0.6 W, MM, 100 µm fiber, NA 0.22, connector | | | 396,00 | 421,49 |
| G098PU1750M, 980 ±5 nm, 0.75 W, MM, 100 µm fiber, NA 0.22, connector | | | 407,00 | 433,20 |
| G098PU11300M, 980 ±5 nm, 1.3 W, MM, 100 µm fiber, NA 0.22, connector | | | 484,00 | 515,15 |
| SPM980-2W-105M-PDT-14P, 976 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin | 2 pcs. | | 598,80 | 637,34 |
| G098PU25W, 980 ±5 nm, 5 W, MM, 400 µm fiber, NA 0.22, connector | | | 990,00 | 1.053,72 |
| G098PU210W, 980 ±5 nm, 10 W, MM, 400 µm fiber, NA 0.22, connector | | | 1.590,00 | 1.692,34 |
| SPM980-10W-105M-2P, 976 nm, 10 W, MM fiber, 105 µm, FC/PC, 2-Pin | 2 pcs. | | 252,50 | 268,75 |
| SPM980-10W-105M-PDT-9P, 976 nm, 10 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | 2 pcs. | | 698,60 | 743,56 |
| SPM980-10W-105M-PDTA-15P, 976 nm, 10 W, MM fiber, 105 µm, FC/PC, PD, TEC, Aiming Beam, 15-Pin | 2 pcs. | | 873,90 | 930,15 |
| SPM980-10W-105M-PDT-9P-SMA, 976 nm, 10 W, MM fiber, 105 µm, SMA905, PD, TEC, 9-Pin | | | 793,00 | 844,04 |
| SPM980-10W-200M-PDT-9P-SMA, 976 nm, 10 W, MM fiber, 200 µm, SMA905, PD, TEC, 9-Pin | 2 pcs. | | 698,60 | 743,56 |
| SPM980-20W-105M-H2P, 976 nm, 20 W, MM fiber, 105 µm, FC/PC, 2-Pin | 2 pcs. | | 451,00 | 480,03 |
| SPM980-30W-105M-H2P, 976 nm, 30 W, MM fiber, 105 µm, FC/PC, 2-Pin | 2 pcs. | | 638,70 | 679,81 |
| SPM980-30W-105M-T-H, 976 ±15 nm, 30 W, MM fiber, 105 µm, FC/PC, TEC | 2 pcs. | | 1.038,50 | 1.105,34 |
| SPM1064-1W-105M-PDT-14P, 1064 nm, 1 W, MM fiber, 105 µm, FC/PC, PD, TEC, 14-Pin | 2 pcs. | | 758,50 | 807,32 |
| SPM1064-8W-105M-2P, 1064 nm, >7 W, MM fiber, 105 µm, FC/PC, 2-Pin | 2 pcs. | | 378,70 | 403,07 |
| SPM1064-8W-105M-PDT-9P, 1064 nm, >7 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | 2 pcs. | | 776,80 | 826,80 |
| SPM1064-8W-105M-PDTA-15P, 1064 nm, >7 W, MM fiber, 105 µm, FC/PC, PD, TEC, Aiming Beam, 15-Pin | 2 pcs. | | 944,10 | 1.004,86 |
| SPM1064-25W-105M-H2P, 1064 nm, >24 W, MM fiber, 105 µm, FC/PC, 2-Pin | 2 pcs. | | 873,90 | 930,15 |
| G131PU001S, 1310 ±30 nm, SM fiber, 1 mW, tr/ts 0.5 ns, TEC | | | 345,00 | 367,20 |
| SPM1310-1W-105M-PDT-14P, 1310 ±30 nm, 1 W, MM fiber, 105 µm, N.A. 0.22, PD, TEC, FC/PC | | | 1.145,00 | 1.218,69 |
| SPM1310-1W2-105M-2P, 1310 ±30 nm, 1.2 W, MM fiber, 105 µm, N.A. 0.22, FC/PC | | | 762,00 | 811,04 |
| SPM1350-10-9-PDPTI-8P, 1350 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, TEC, isolator, 8-Pin | | | 725,10 | 771,77 |
| SPM1350-10-9-PDPTI-14P, 1350 nm, 10 mW, DFB, SM fiber, 9 µm, FC/PC, PD, TEC, isolator, 14-Pin | 2 pcs. | | 678,70 | 722,38 |
| SPM1450-2W-105M-PDT-9P, 1450 ±40 nm, 2 W, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN | | | 906,30 | 964,63 |
| SPM1450-7W-300M-T-H, 1450 nm, >6 W, MM fiber, <300 µm, FC/PC, TEC | | | 2.460,00 | 2.618,33 |
| SPM1450-12W-400M-T-H, 1450 nm, >11 W, MM fiber, <400 µm, FC/PC, TEC | | | 3.107,40 | 3.307,40 |
| SPM1450-15W-400M-T-H, 1450 nm, 15 W, MM fiber, <400 µm, FC/PC, TEC | | | 4.191,70 | 4.461,49 |
| SPM1470-2W-105M-PDT-9P, 1470 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | | 906,30 | 964,63 |
| SPM1470-2W-105M-PDTA-15P, 1470 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, Aiming Beam, 15-Pin | | | 1.078,90 | 1.148,34 |
| SPM1470-2W5-105M-2P, 1470 nm, ≥2 W, MM fiber, 105 µm, FC/PC, 2-Pin | | | 679,70 | 723,45 |
| SPM1470-2W5-105M-PDT-9P, 1470 ±30 nm, >2 W, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN | | | 906,30 | 964,63 |
| SPM1470-2W5-105M-PDTA-15P, 1470 nm, 2.5 W, MM fiber, 105 µm, FC/PC, PD, TEC, Aiming Beam, 15-Pin | | | 1.294,70 | 1.378,03 |
| SPM1470-3W-105M-2P, 1470 nm, 3 W, MM fiber, 105 µm, FC/PC, 2-Pin | | | 906,30 | 964,63 |
| SPM1470-3W-105M-PDT-9P, 1470 nm, 2 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | | 1.078,90 | 1.148,34 |
| SPM1470-7W-300M-T-H, 1470 nm, >6 W, MM fiber, <300 µm, FC/PC, TEC | | | 2.460,00 | 2.618,33 |
| SPM1470-12W-400M-T-H, 1470 nm, >11 W, MM fiber, <400 µm, FC/PC, TEC | | | 3.107,40 | 3.307,40 |
| SPM1470-15W-400M-T-H, 1470 nm, 15 W, MM fiber, <400 µm, FC/PC, TEC | | | 4.191,70 | 4.461,49 |
| SPM1530-1W5-105M-PDT-9P, 1530 ±40 nm, 1.5 W, MM fiber, 105 µm, N.A. 0.22, FC/PC, PD, TEC, 9-PIN | | | 906,30 | 964,63 |
| SPM1530-5W-300M-T-H, 1530 nm, >4.5 W, MM fiber, <300 µm, FC/PC, TEC | | | 2.460,00 | 2.618,33 |
| SPM1530-8W-400M-T-H, 1530 nm, 8 W, MM fiber, <400 µm, FC/PC, TEC | | | 3.107,40 | 3.307,40 |
| SPM1530-10W-400M-T-H, 1530 nm, 10 W, MM fiber, <400 µm, FC/PC, TEC | | | 4.191,70 | 4.461,49 |
| SPM1550-1W5-105M-2P, 1550 nm, 1.5 W, MM fiber, 105 µm, FC/PC, 2-Pin | | | 679,70 | 723,45 |
| SPM1550-1W5-105M-PDT-9P, 1550 nm, 1.5 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | | 906,30 | 964,63 |
| SPM1550-2W5-105M-2P, 1550 nm, 2.5 W, MM fiber, 105 µm, FC/PC, 2-Pin | | | 906,30 | 964,63 |
| SPM1550-2W5-105M-PDT-9P, 1550 nm, 2.5 W, MM fiber, 105 µm, FC/PC, PD, TEC, 9-Pin | | | 1.078,90 | 1.148,34 |
| SPM1550-2W5-105M-PDTA-15P, 1550 nm, 2.5 W, MM fiber, 105 µm, FC/PC, PD, TEC, Aiming Beam, 15-Pin | | | 1.294,70 | 1.378,03 |
| SPM1550-5W-300M-T-H, 1550 nm, >4.5 W, MM fiber, <300 µm, FC/PC, TEC | | | 2.460,00 | 2.618,33 |
| SPM1550-8W-400M-T-H, 1550 nm, 8 W, MM fiber, <400 µm, FC/PC, TEC | | | 3.107,40 | 3.307,40 |
| SPM1550-10W-400M-T-H, 1550 nm, 10 W, MM fiber, <400 µm, FC/PC, TEC | | | 4.191,70 | 4.461,49 |
| SPM1650-5-9-PDPTI-14P, 1650 ±10 nm, 5 mW, DFB, SM fiber, 9 µm, N.A. 0.12, FC/PC, PD, TEC, Isolator, 14-PIN | 2 pcs. | | 738,50 | 786,03 |

LASER DIODES - BARS, ARRAYS



high power laser diodes
- bars, linear & stacked arrays
- cw power up to 280 W
- qcw power up to 1200 W

780 - 980 nm

| LD SINGLE BARS | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|-----------|
| AB081C20W, 810±10 nm, 20 W, cw, 25 x 25 x 13 mm ³ | | | o.r. | o.r. |
| AB081C40W, 810±10 nm, 40 W, cw, 25 x 25 x 13 mm ³ | | | o.r. | o.r. |
| AB081Q60W, 810±10 nm, 60 W, qcw, 25 x 25 x 13 mm ³ | | | o.r. | o.r. |
| AB081Q100W, 810±10 nm, 100 W, qcw, 25 x 25 x 13 mm ³ | | | o.r. | o.r. |
| AB098C20W, 980±10 nm, 20 W, cw, 25 x 25 x 13 mm ³ | | | o.r. | o.r. |
| AB098C40W, 980±10 nm, 40 W, cw, 25 x 25 x 13 mm ³ | | | o.r. | o.r. |
| LD LINEAR ARRAYS | Status | MOQ | EUR / pc | USD / pc |
| AL081C60W, 780..830 nm, 60 W, cw, 57 x 12 x 15.5 mm ³ | | | 1.215,00 | 1.293,20 |
| AL081C100W, 780..830 nm, 100 W, cw, 57 x 12 x 15.5 mm ³ | | | 2.025,00 | 2.155,33 |
| AL081C120W, 780..830 nm, 120 W, cw, 57 x 12 x 15.5 mm ³ | | | 2.430,00 | 2.586,40 |
| AL081C140W, 780..830 nm, 140 W, cw, 57 x 12 x 15.5 mm ³ | | | 2.835,00 | 3.017,47 |
| AL081C200W, 780..830 nm, 200 W, cw, 57 x 12 x 15.5 mm ³ | | | 4.050,00 | 4.310,67 |
| AL081C280W, 780..830 nm, 280 W, cw, 57 x 12 x 15.5 mm ³ | | | 5.670,00 | 6.034,93 |
| LD STACKED ARRAYS | Status | MOQ | EUR / pc | USD / pc |
| AS081C60W, 780..830 nm, 60 W, cw, 40 x 23.6 x 11 mm ³ | | | 2.062,50 | 2.195,25 |
| AS081C100W, 780..830 nm, 100 W, cw, 40 x 23.6 x 11 mm ³ | | | 3.066,25 | 3.263,60 |
| AS081C120W, 780..830 nm, 120 W, cw, 40 x 23.6 x 11 mm ³ | | | 2.866,88 | 3.051,40 |
| AS081C140W, 780..830 nm, 140 W, cw, 40 x 23.6 x 11 mm ³ | | | 4.122,25 | 4.387,57 |
| AS081C200W, 780..830 nm, 200 W, cw, 40 x 23.6 x 11 mm ³ | | | o.r. | o.r. |
| AS081C280W, 780..830 nm, 280 W, cw, 40 x 23.6 x 11 mm ³ | | | 5.500,00 | 5.853,99 |
| AS081C320W, 780..830 nm, 320 W, cw, 40 x 23.6 x 11 mm ³ | | | 6.710,00 | 7.141,87 |
| AS081C480W, 780..830 nm, 480 W, cw, 40 x 23.6 x 11 mm ³ | | | 9.748,75 | 10.376,20 |
| AS098C60W, 920..980 nm, 60 W, cw, 30 x 14 x 10 mm ³ | | | 2.062,50 | 2.195,25 |
| AS098C100W, 920..980 nm, 100 W, cw, 30 x 14 x 10 mm ³ | | | 3.066,25 | 3.263,60 |
| AS081Q300W, 780..830 nm, 300 W, qcw, 30 x 14 x 10 mm ³ | | | o.r. | o.r. |
| AS081Q600W, 780..830 nm, 600 W, qcw, 30 x 14 x 10 mm ³ | | | o.r. | o.r. |
| AS081Q1200W, 780..830 nm, 1200 W, qcw, 30 x 14 x 10 mm ³ | | | o.r. | o.r. |
| AS081Q3000W, 780..830 nm, 3000 W, qcw, 30 x 14 x 10 mm ³ | | | o.r. | o.r. |
| AS081Q5000W, 780..830 nm, 5000 W, qcw, 30 x 14 x 10 mm ³ | | | o.r. | o.r. |
| AS081Q15000W, 780..830 nm, 15000 W, qcw, 30 x 14 x 10 mm ³ | | | o.r. | o.r. |
| AS098Q300W, 920..980 nm, 300 W, qcw, 30 x 14 x 10 mm ³ | | | o.r. | o.r. |
| AS098Q600W, 920..980 nm, 600 W, qcw, 30 x 14 x 10 mm ³ | | | o.r. | o.r. |
| AS098Q1200W, 920..980 nm, 1200 W, qcw, 30 x 14 x 10 mm ³ | | | o.r. | o.r. |

VCSELS



VCSEL (Vertical Cavity Surface Emitting Laser diode)
infrared
power up to 20 mW cw

850 and 980 nm

| VCSELS INFRARED | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| VC850S-SMD, 850 nm, 0.5 mW, 3.5 mA, SM, 8°, SMD 0603 | | | 9,05 | 9,63 |
| VC850M-SMD, 850 nm, 0.5 mW, 4 mA, MM, 6°, SMD 0603 | | | 8,35 | 8,89 |
| VC850M-TO46GL, 850 nm, 2 mW, 6 mA, MM, 5°, TO-46, glass lens | | | 12,58 | 13,39 |
| VC850M-H-TO46GL, 850 nm, 10 mW, 20 mA, MM, 2°, TO-46, glass lens | EOL | | 16,20 | 17,24 |
| VC850M-Z-TO46GL, 850 nm, 10 mW, 20 mA, MM, 8°, TO-46, glass lens, Zener Diode | NEW | | 16,20 | 17,24 |
| VC850M-H-TO46FW-PD, 850 nm, 8 mW, 20 mA, MM, TO-46, flat window, PD | | | 15,92 | 16,94 |
| VC850M-Z-TO18FW, 850 nm, 10 mW, 20 mA, MM, TO-18, flat window, Zener diode | | | 15,92 | 16,94 |
| VC980M-TO46FW, 980 nm, 1.5 mW, 6 mA, MM, 20°, TO-46, flat window | | | 11,20 | 11,92 |
| VCSEL Modules INFRARED | Status | MOQ | EUR / pc | USD / pc |
| VC850MZ-MODULE, 850 nm, max. 10 mW, 20 mA, MM, Ø10x18 mm | NEW | | 68,00 | 72,38 |
| VC850M2-MODULE, 850 nm, max. 15 mW, 50 mA, MM, Ø10x18 mm | EOL | | 68,00 | 72,38 |
| VC980M-MODULE, 980 nm, max. 0.75 mW, 6 mA, MM, Ø10x18 mm | | | 51,80 | 55,13 |


LASER DIODE ACCESSORIES






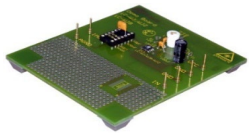
| LD Mounting Tubes | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>laser diode optic mounting tubes used for mounting laser diodes with 5.6 mm or 9 mm packages and diverse collimating optics with standard thread M9 x 0.5 mm aluminium, black anodized</p> | | | | |
| LDMT-56-10, 5.6 mm LD mounting tube, Ø10x18 mm, thread M9 x 0.5 | | | 14,29 | 15,21 |
| LDMT-56-10-LT, 5.6 mm LD mounting tube, Ø10x18 mm, long thread M9 x 0.5 | | | 14,29 | 15,21 |
| LDMT-90-10, 9.0 mm LD mounting tube, Ø10x18 mm, thread M9 x 0.5 | | | 14,29 | 15,21 |
| LDMT-90-10-LT, 9.0 mm LD mounting tube, Ø10x18 mm, long thread M9 x 0.5 | | | 14,29 | 15,21 |
| LDMT-90-11, 9.0 mm LD mounting tube, Ø11x18 mm, thread M9 x 0.5 | | | 14,29 | 15,21 |
| LD Mounting Tubes Complete Assembly | Status | MOQ | EUR / pc | USD / pc |
|  <p>Complete Laser Diode Assembly</p> <ul style="list-style-type: none"> - precise CNC tooling - for 3.8, 5.6 & 9.0mm TO-Can laser diodes - compact size - focusable acrylic lens, uncoated - threaded latching, no glue required | | | | |
| LDA-38, 3.8 mm laser diode assembly, with focusable acrylic lens, f: 6.5 mm, Ø6.5x11 mm, brass | | | 18,10 | 19,26 |
| LDA-56, 5.6 mm laser diode assembly, with focusable acrylic lens, f: 6.5 mm, Ø11x13 mm, brass | | | 19,20 | 20,44 |
| LDA-90, 9.0 mm laser diode assembly, with focusable acrylic lens, f: 6.5 mm, Ø11x14 mm, brass | | | 19,20 | 20,44 |
| LD Sockets | Status | MOQ | EUR / pc | USD / pc |
|  <p>laser diode socket teflon body, gold plated contacts, 3 pins or 4 pins, superior quality, for 5.6 and 9.0 mm laser diodes</p> | | | | |
| LDS-T-3, laser diode socket 3-Pin version, teflon, gold plated, superior quality | | | 6,49 | 6,91 |
| LDS-T-4, laser diode socket 4-Pin version, teflon, gold plated, superior quality | | | 6,39 | 6,80 |
| Thermoelectric Coolers | Status | MOQ | EUR / pc | USD / pc |
|  <p>TEC elements for cooling and heating, diverse sizes and electrical properties 1-, 2-, 3- and 4 stage modules available</p> <p>Tmax: 125 °C OEM designs available on request</p> | | | | |
| TEC1-00705T125, 1 stage, 7 couples, 0.85 V, 5 A, 2.8 W, dTmax: 67°C, 10x10x3.9 mm | | | 8,40 | 8,94 |
| TES1-1702LT125, 1 stage, 17 couples, 2.0 V, 2 A, 2.4 W, dTmax: 64°C, 6.2x6.2x2.3 mm | | | 15,90 | 16,92 |
| TES1-03103T125, 1 stage, 31 couples, 3.8 V, 3 A, 6.6 W, dTmax: 66°C, 15x15x3.5 mm | | | 8,70 | 9,26 |
| TES1-3202T125, 1 stage, 32 couples, 3.87 V, 2 A, 4.31 W, dTmax: 67°C, 8.3x8.3x2.2 mm | | | 15,00 | 15,97 |
| TES1-07103T125, 1 stage, 71 couples, 8.5 V, 3 A, 14.9 W, dTmax: 67°C, 23x23x3.9 mm | | | 12,60 | 13,41 |
| TES1-12703T125, 1 stage, 127 couples, 15.4 V, 3 A, 26.7 W, dTmax: 67°C, 30x30x3.5 mm | | | 13,50 | 14,37 |
| TEC1-12705T125, 1 stage, 127 couples, 15.4 V, 5 A, 46.4 W, dTmax: 67°C, 40x40x4.0 mm | | | 10,95 | 11,65 |
| TEC2-25407T125, 2 stages, 254 couples, 15.0 V, 7 A, dTmax: 80°C, 40x40x7.0 mm | | | 23,70 | 25,23 |
| TEC3-22903T125, 3 stages, 229 couples, 15.2 V, 3 A, dTmax: 100°C, 40x40x10.8 mm | | | 95,68 | 101,84 |
| TEC with 4.7 mm center hole | | | | |
| TEC1-07103T125, 1 stage, 8.5 V, 3 A, 16 W, dTmax: 67°C, hole 4.7 mm, 30x30x4.9 mm | | | 12,00 | 12,77 |

LASER DIODE DRIVERS




| LD Driver Boards | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>diverse, easy to handle driver boards for laser diodes, ready to use, but not preset to the specific parameters of the laser diode LD specific drive parameters can be adjusted in a wide range</p> | | | | |
| N-type (common LD+ and PD-) | | | | |
| IC-WK2D, 6.5 x 20 mm ² , PCB-board, N-type, CAC | | | 7,90 | 8,41 |
| IC-WKL2D, 6.5 x 20 mm ² , PCB-board, N-type, CAC | | | 5,99 | 6,38 |
| EU-37, 10.5 x 18 mm ² , APC, 4.5-6 VDC, slow start, max. 200 mA | | | 14,95 | 15,91 |
| EU-38-PD, 35 x 14 mm ² , auto power control, LD current max. 1 A | | | 24,00 | 25,54 |
| EU-41, 10.5 x 18 mm ² , APC, 3 VDC, max. 100 mA for BLUE and GREEN LD | | | 12,90 | 13,73 |
| EU-42, 10.5 x 11.3 mm ² , APC, modulable up to 300kHz | | | 13,60 | 14,48 |


| | | | | |
|--|--|-----|---------------|------------|
| M-type (common LD- and PD-) | | | | |
| IC-WK1D, PCB-board, M/P-type, CCA, 6.5 x 20 mm, MPD spike detection | | | 5,99 | 6,38 |
| IC-WKL1D, PCB-board, M/P-type, CCA, 6.5 x 20 mm | | | 5,99 | 6,38 |
| EU-38-PD, 35 x 14 mm ² , auto power control, LD current max. 1 A | | | 24,00 | 25,54 |
| P-type (common LD- and PD+) | | | | |
| IC-WK1D, PCB-board, M/P-type, CCA, 6.5 x 20 mm, MPD spike detection | | | 5,99 | 6,38 |
| IC-WKL1D, PCB-board, M/P-type, CCA, 6.5 x 20 mm | | | 5,99 | 6,38 |
| EU-38-PD, 35 x 14 mm ² , auto power control, LD current max. 1 A | | | 24,00 | 25,54 |
| without PD | | | | |
| EU-38-TTL, 35 x 14 mm ² , ACC, TTL modulable, LD current max. 1 A | | | 22,00 | 23,42 |
| EU-38-1, 35 x 14 mm ² , ACC, max. 1.0 A | | | 21,80 | 23,20 |
| EU-40, 9 x 23 mm ² , ACC, 3 VDC, max. 200 mA for BLUE and GREEN LD | | | 12,90 | 13,73 |
| external PD | | | | |
| EU-39, 9 x 16 mm ² , APC, 3 VDC, max. ~300 mA, ext. PD required | | | 9,54 | 10,15 |
| EU-43, 11 x 23 mm ² , APC, 3 VDC, max. 200 mA for BLUE and GREEN LD, ext. PD required | | | 12,90 | 13,73 |
| Low Power LD Controllers | | | Status | MOQ |
|  <p>Low power CW + pulsed mode laser diode driver</p> <ul style="list-style-type: none"> - Analog control / potentiometer adjustment - CW, pulsed, modulated or mixed curves - Short rise and fall time - No ripple, no overshoot - Compact | | | | |
| LDP-2023, ACC, max 2A, max 23V, Vin: 6-24V, CW + pulsed, 52x37x11 mm | | | 140,20 | 149,22 |
| LDP-5023, ACC, max 5A, max 23V, Vin: 7-24V, CW + pulsed, 75x50x24 mm | | NEW | 334,00 | 355,50 |
| LDP-20-HS, Heat Sink for LDP-20, Al black anodized, 105x50x39mm, 150g | | | 39,90 | 42,47 |
| LDP-50-HS, Heat Sink for LDP-50, Al black anodized, 75x50x11mm, 56g | | NEW | 63,90 | 68,01 |
| High Power LD Controllers | | | Status | MOQ |
|  <p>High power, compact constant current laser diode driver with multiple layers of laser diode protection</p> <ul style="list-style-type: none"> - Analog Control / RS-232 / UART - Output Current Range 0-15 A - Output Voltage Range 1-10 V - Efficiency < 97% - Compact - no PD support | | | | |
| LD6015, ACC, 0-15 A, 1-10V, Vin: 10-14V, setpoint resolution 0.01 A, 37x58x30 mm | | | 468,70 | 498,87 |
| LD Driver Ics | | | Status | MOQ |
|  <p>diverse drivers for laser diodes as integrated circuits</p> | | | | |
| IC-VJ SO16N, driver IC for cw laser diodes | | EOL | 3,49 | 3,71 |
| IC-VJZ SO16N, driver IC for cw laser diodes | | EOL | 2,95 | 3,14 |
| IC-WJ SO8, LD driver IC, cw up to 300 kHz, up to 250 mA, Im 50 - 500 µA | | | 3,71 | 3,95 |
| IC-WJ MSOP8, LD driver IC, cw up to 300 kHz, up to 250 mA, Im 50 - 500 µA | | | 3,92 | 4,17 |
| IC-WJZ SO8, LD driver IC, cw up to 300 kHz, up to 250 mA, Im 0.15 - 1.5 mA | | | 3,71 | 3,95 |
| IC-WJZ MSOP8, LD driver IC, cw up to 300 kHz, up to 250 mA, Im 0.15 - 1.5 mA | | | 3,92 | 4,17 |
| IC-WJB SO8, LD driver IC, cw up to 300 kHz, up to 100 mA, 2.7 VDC, reverse polarity protection | | | 3,92 | 4,17 |
| IC-WJB MSOP8, LD driver IC, cw up to 300 kHz, up to 100 mA, 2.7 VDC, reverse polarity protection | | | 4,12 | 4,39 |
| IC-WK SO8, LD driver IC, N/M/P-type, up to 90 mA, 2.4 -6 VDC, MPD spike detection | | | 2,93 | 3,12 |
| IC-WK MSOP8, LD driver IC, N/M/P-type, up to 90 mA, 2.4 -6 VDC, MPD spike detection | | | 3,05 | 3,25 |
| IC-WKL SO8, LD driver IC, any laser diode polarity, up to 90 mA, 2.4 -6 VDC | | | 2,93 | 3,12 |
| IC-WKL MSOP8, LD driver IC, any laser diode polarity, up to 90 mA, 2.4 -6 VDC | | | 3,05 | 3,25 |
| IC-HB QFN24, Triple Laser Switch, CW up to 155 MHz, with LVDS inputs | | EOL | 6,60 | 7,02 |
| IC-HG QFN28-5X5, Laser Switch, CW to 200 MHz, 6 ch., up to 3 A CW / 9 A pulse, for blue LDs (12V) | | | 11,40 | 12,13 |
| IC-HG30 QFN28-5X5, Laser Switch, CW to 250 MHz, 6 ch., up to 6 A CW / 30 A pulse, for stacked LDs (30V) | | | 11,40 | 12,13 |
| IC-HGP QFN32-5X5, High-Side Laser Switch, CW to 200 MHz, 6 ch., up to 3 A CW / 9 A pulse, for blue/green LDs (12V) | | | 11,40 | 12,13 |
| IC-HK SO8-TP, Laser Switch, CW - 155 MHz, 2 ch., Spike-Free, Ip up to 700 mA | | | 3,15 | 3,35 |
| IC-HK MSOP8-TP, Laser Switch, CW - 155 MHz, 2 ch., Spike-Free, Ip up to 700 mA | | | 3,28 | 3,49 |
| IC-HKB SO8-TP, Laser Switch, CW - 155 MHz, 2 ch., Spike-Free, Ip up to 700 mA, for blue LDs (12V) | | | 5,70 | 6,07 |
| IC-HKB MSOP8-TP, Laser Switch, CW - 155 MHz, 2 ch., Spike-Free, Ip up to 700 mA, for blue LDs (15V) | | | 3,48 | 3,70 |
| IC-HN DFN8-3X3, Short Pulse 1.4 A Laser Driver | | | 7,92 | 8,43 |
| IC-HN3 DFN8-3X3, Short Pulse 2.8 A Laser Driver | | | 11,40 | 12,13 |
| IC-HS02 QFN16-3X3, Ultra Short Pulse Laser Driver, 200 mA peak | | | 11,40 | 12,13 |
| IC-HS05 QFN24-4X4, Ultra Short Pulse Laser Driver | | | 11,40 | 12,13 |
| IC-HSB QFN24-4X4, Ultra-Short Pulse Laser Driver | | | 11,40 | 12,13 |
| IC-HT QFN28-5X5, Dual CW LD Driver with SPI/I2C Controller Interface, up to 1.5 A (combined) | | | 11,40 | 12,13 |
| IC-HTG QFN24-4X4, power laser diode driver | | | 11,40 | 12,13 |
| IC-HTP QFN28-5X5, Dual CW P-type LD driver, up to 1.5 A (combined) | | | 11,40 | 12,13 |
| IC-WKM SO8-TP, cw M-type laser diode driver IC, up to 350 mA, Vf 3.6-15 VDC | | | 6,60 | 7,02 |
| IC-WKM DFN10, cw M-type laser diode driver IC, up to 350 mA, Vf 3.6-15 VDC | | | 4,30 | 4,58 |


| | | | | | |
|--|-----|---------------|------------|-----------------|-----------------|
| IC-WKN SO8-TP, cw N-type laser diode driver IC, up to 300 mA, Vf 2.4-15 VDC | | 4,21 | 4,48 | | |
| IC-WKN DFN10, cw N-type laser diode driver IC, up to 300 mA, Vf 2.4-15 VDC | | 4,30 | 4,58 | | |
| IC-WKP SO8-TP, cw P-type laser diode IC, up to 350 mA, Vf 3.0-15 VDC | | 4,21 | 4,48 | | |
| IC-WKP DFN10, cw P-type laser diode IC, up to 350 mA, Vf 3.0-15 VDC | | 6,60 | 7,02 | | |
| IC-NZ QFN28, LD driver IC, fail-safe, N/M/P-type, cw/pulse, up to 300 mA, up to 155 MHz, 3.5-5.5 V supply | EOL | 11,40 | 12,13 | | |
| IC-NZN QFN24-4X4, LD driver IC, N-type, cw and pulse, up to 300 mA, up to 155 MHz, 3.5-5.5 V supply | | 5,20 | 5,53 | | |
| IC-NZP QFN24-4X4, LD driver IC, P-type, cw and pulse, up to 300 mA, up to 155 MHz, 3.5-5.5 V supply | | 5,20 | 5,53 | | |
| IC-HL DFN10, programable laser bias resistor | EOL | 5,58 | 5,94 | | |
| Evaluation Kits for LD Driver ICs | | Status | MOQ | EUR / pc | USD / pc |
|  <p>evaluation boards, to set up your iC drivers easily</p> | | | | | |
| IC-HB EVAL HB1D, Evaluation Board iC-HB (incl. 2 IC samples) | EOL | 82,08 | 87,36 | | |
| IC-HG EVAL HG1D, Evaluation Board iC-HG (incl. 2 IC samples) | | 82,08 | 87,36 | | |
| IC-HG EVAL HG2D, Host Adapter for HGxM type modules | | 82,08 | 87,36 | | |
| IC-HG EVAL HG2D HSK, Host Adapter for HGxM type modules with heat-sink assembly kit | | 185,59 | 197,53 | | |
| IC-HG ICSY HG21M, High-Speed Laser Module (for VCSEL) | | 131,48 | 139,94 | | |
| IC-HG ICSY HG21M, High-Speed Laser Module (for VCSELS, alternative pad layout) | | 131,48 | 139,94 | | |
| IC-HG ICSY HG2M, High-Speed Laser Module (for C-mount packages) | | 82,08 | 87,36 | | |
| IC-HG ICSY HG8M, High-Speed Laser Module (for TO-type or other leaded packages) | | 82,08 | 87,36 | | |
| IC-HG30 EVAL HG1D, Evaluation Board iC-HG30 | | 92,04 | 97,96 | | |
| IC-HG30 ICSY HG20M, High-Speed Laser Module (for VCSEL) | | 157,78 | 167,94 | | |
| IC-HG30 ICSY HG21M, High-Speed Laser Module (for VCSELS, alternative pad layout) | | 157,78 | 167,94 | | |
| IC-HG30 ICSY HG8M, High-Speed Laser Module (for TO-type or other leaded packages) | | 92,04 | 97,96 | | |
| IC-HGP EVAL HGP1D, Evaluation Board iC-HGP | | 82,08 | 87,36 | | |
| IC-HGP EVAL HGP2D, Laser Diode and LED Drivers | | 105,18 | 111,95 | | |
| IC-HN ICSY HN1M, High Speed Laser Module | | 82,08 | 87,36 | | |
| IC-HN3 ICSY HN1M, High Speed Laser Module | | 82,08 | 87,36 | | |
| IC-HS02 ICSY HS3M, High Speed Laser Module | | o.r. | o.r. | | |
| IC-HS05 ICSY HS3M, High Speed Laser Module | | 131,48 | 139,94 | | |
| IC-HSB ICSY HS3M, High-Speed Laser Module | | 131,48 | 139,94 | | |
| IC-HT EVAL HT1D, Evaluation Board for iC-HT | | 111,76 | 118,95 | | |
| IC-HTG EVAL HTG1D, Evaluation Board iC-HTG | | 111,76 | 118,95 | | |
| IC-HTP EVAL HTP1D, Evaluation Board iC-HTP | | 111,76 | 118,95 | | |
| IC-NZN EVAL NZN1D, Evaluation Board iC-NZN (incl. 2 IC samples) | | 82,08 | 87,36 | | |
| IC-NZP EVAL NZP1D, Evaluation Board iC-NZP (incl. 2 IC samples) | | 82,08 | 87,36 | | |
| IC-VJ EVAL VJD, Evaluation Board iC-VJ (incl. 2 samples) | EOL | 58,90 | 62,69 | | |
| IC-VJZ EVAL VJZ, Evaluation Board iC-VJZ (incl. 2 samples) | EOL | 58,90 | 62,69 | | |
| IC-WJ EVAL WJ1D, Evaluation Board iC-WJ (incl. 2 samples) | | 82,08 | 87,36 | | |
| IC-WJB EVAL WJ1D, Evaluation Board iC-WJB (incl. 2 samples) | | 82,08 | 87,36 | | |
| IC-WJZ EVAL WJ1D, Evaluation Board iC-WJZ (incl. 2 samples) | | 82,08 | 87,36 | | |
| IC-WK EVAL WK4D, Evaluation Board iC-WK (incl. 2 samples) | | 82,08 | 87,36 | | |
| IC-WKL EVAL WK4D, Evaluation Board iC-WKL (incl. 2 samples) | | 82,08 | 87,36 | | |
| IC-WKN EVAL WK4D, Evaluation Board iC-WKN (incl. 2 samples) | | 82,08 | 87,36 | | |
| IC-WKM EVAL WKM1D, Evaluation Board iC-WKM (incl. 2 Samples) | | 82,08 | 87,36 | | |
| IC-WKP EVAL WK1D, Evaluation Board iC-WKP (incl. 2 IC samples) | EOL | 58,90 | 62,69 | | |
| IC-WKP EVAL WKP1D, Evaluation Board iC-WKP (incl. 2 IC samples) | | 82,08 | 87,36 | | |

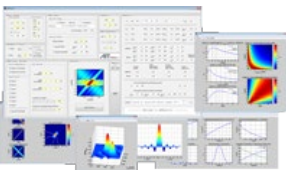
QUANTUM OPTICS DEVICES






| TIME TAGGING MODULE | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>8 channel Time to Digital Converter - 8 channels continuous - resolution 82ps - 2 channels start-stop - resolution 10ps - continuous / multi stop / single stop - GB-LAN (up to 25m events/s) - variable threshold voltage - software for Linux & Windows - developed & manufactured in Austria</p> | | | | |
| TTM8000, up to 8 channels with resolution 82ps, GB-LAN, incl.software, 160x110x45 mm | EOL | | 7.600,00 | 8.089,15 |

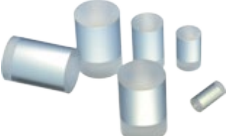

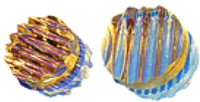

| Ultrafast VCSEL/LED triggered Light Source | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>MRP series lightpulsers - VCSEL/LED lightsource - light curves as short as 100 ps - up to 25 kHz - SMA connector - USB interface</p> <p>370 - 850 nm available</p> | | | | |
| MRP-850V-100-SMA, 850nm, 100-1000 ps, <25 kHz, SMA connector, USB, 145x78x43 mm | | | 842,00 | 896,19 |

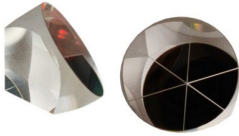
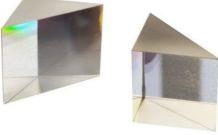
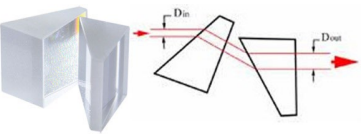
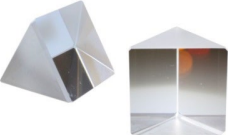
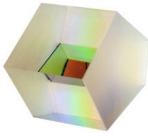
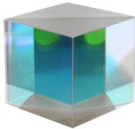
| Single Photon Detection Module | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>300 ps Single Photon Counting Module - less than 20 dark counts/s - 300 ns dead time - Low jitter, low dark rates - digital output pulse (0,4V) at SMA connector - Single 5 VDC supply voltage - developed & manufactured in Austria - compatible with many different mounts</p> | | | | |
| QD800C-FQ-500, <500 dark counts/s, 300ps res., 300ns dead time, 400-1000 nm, 5 VDC | | | 4.600,00 | 4.896,07 |
| QD800C-FQ-50, <50 dark counts/s, 300ps res., 300ns dead time, 400-1000 nm, 5 VDC | | | 5.700,00 | 6.066,86 |
| QD800C-FQ-20, <20 dark counts/s, 300ps res., 300ns dead time, 400-1000 nm, 5 VDC | | | 7.500,00 | 7.982,71 |
| ADAPT-C-SM1, lens holder adapter plate, with SM1 thread | | | 89,60 | 95,37 |
| ADAPT-C-SM05, lens holder adapter plate, with SM5 thread | | | 89,60 | 95,37 |
| ADAPT-C-SM05-P, lens holder adapter plate, with SM5 thread | | | 89,60 | 95,37 |
| ADAPT-C-RMS, lens holder adapter plate, with RMS thread | | | 89,60 | 95,37 |
| ADAPT-C-MOUNT, lens holder adapter plate, with C-mount thread | | | 89,60 | 95,37 |
| ADAPT-C-FC, adapter plate, with FC/PC fiber adapter | | | 537,60 | 572,20 |
| ADAPT-C-FC-FLT, adapter plate, with FC/PC fiber adapter and filter holder | | | 627,20 | 667,57 |
| HS12, heat sink, 12 mm | | | 89,60 | 95,37 |
| HS25, heat sink, 25 mm | | | 95,20 | 101,33 |
| HS25-FAN, heat sink, 25 mm, with fan | | | 168,00 | 178,81 |
| PS-QD800, power supply, 90-264 VAC | | | 67,20 | 71,53 |

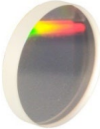
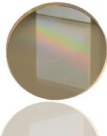



| Photon-pair generation simulation software | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <ul style="list-style-type: none"> - Simulates photon-pair generation in seven different crystals (including ppKTP and ppLN) - Gaussian and sech² pulses as well as customised laser spectrum - Gaussian and rectangular bandpass filtering - Phase-matching conditions, poling periodicity, temperature tuning - Refractive indices, group delay and temporal walk-off | | | | |
| QPMOPTICS, tool to simulate and optimize your experiments, USB License dongle, Win 64-bit | | | 980,00 | 1.043,07 |


| OPTICAL COMPONENTS ↑ | | | | |
|---|--------|-----|----------|----------|
| Laser Diode Collimators Molded Plastic | Status | MOQ | EUR / pc | USD / pc |
|  <p>laser diode collimating lenses made of PMMA available with and without anti reflective coating</p> | | | | |
| GS-7021-2C, acrylic lens, 5 x 2.3 mm, f: 6.0 mm, AR coated | | | 1,81 | 1,93 |
| CAY046, acrylic lens, 7.4 x 3.05 mm, f 4.6 mm, NA 0.40, AR coated | | | 6,48 | 6,90 |
| CAY046NC, acrylic lens, 7.4 x 3.05 mm, f 4.6 mm, NA 0.40, uncoated | | | 4,62 | 4,92 |
| CAW100NC, acrylic lens, 5.20 x 2.44 mm, f 10.0 mm, NA 0.20, uncoated | | | 4,36 | 4,64 |
| LENS-05A, acrylic lens, 7 x 2.8 mm, f 8.0 mm | | | 4,76 | 5,07 |
| LC3, acrylic lens, 3 x 2.4 mm, BFL: 3.41 mm, EFL: 4.5 mm, PMMA, uncoated | | | 1,90 | 2,02 |
| ACL3033, acrylic lens, 3.0 x 2.0 mm, BFL: 3.3 mm, PMMA, uncoated | | | 1,60 | 1,70 |
| LC5, acrylic lens, 5 x 2.3 mm, BFL: 4.86 mm, EFL: 6.0 mm, PMMA, uncoated | | | 1,22 | 1,30 |
| ACL5048, acrylic lens, 5.0 x 2.3 mm, BFL: 4.8 mm, PMMA, uncoated | | | 0,98 | 1,04 |
| LC7, acrylic lens, 7 x 3.15 mm, EFL: 7.8 mm, BFL: 6.21 mm, PMMA, uncoated | | | 1,35 | 1,44 |
| ACL7065, acrylic lens, 7.0 x 3.3 mm, BFL: 6.47 mm, PMMA, uncoated | | | 0,98 | 1,04 |
| LC12, acrylic lens, 7 x 3.15 mm, BFL: 11.2 mm, EFL: 12.5 mm, PMMA, uncoated | | | 1,99 | 2,12 |
| ACL7012, acrylic lens, 7.0 x 2.6 mm, EFL: 12.5 mm, PMMA, uncoated | | | 1,60 | 1,70 |

| Laser Diode Collimators Glass | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|-------------|
|  <p>glass laser diode collimating lenses M9x0.5 threaded housing 1&3 glass lens design ARC for blue, green, red, and IR laser diodes available focal lengths 4 - 11 mm</p> | | | | | |
| BLUE AR Coating | | | | | |
| RGL-550-9BS, 3 glass lens, M9x0.5, f: 5.5 mm, NA 0.25, ARC 405-450 nm | | | | 10,60 | 11,28 |
| RGL-550-9B, 1 glass lens, M9x0.5, f: 5.5 mm, NA 0.45, ARC 405-450 nm | | | | 10,60 | 11,28 |
| GS-8020B, 3 glass lens, M9x0.5, f: 8.0 mm, NA 0.3, ARC 400-450 nm, O-ring sealing | | | | 9,80 | 10,43 |
| RGL-830-9B, 3 glass lens, M9x0.5, f: 8.3 mm, NA 0.30, ARC 405-450 nm | | | | 10,60 | 11,28 |
| LCB-3G, 3 glass lens, M9x0.5, f: 9.5 mm, NA 0.26, ARC 400-450 nm | | | | EOL | 13,40 14,26 |
| RGL-110-9B, 3 glass lens, M9x0.5, f: 11.0 mm, NA 0.45, ARC 405-450 nm | | | | 10,60 | 11,28 |
| BROADBAND AR Coating | | | | | |
| RGL-311-9C, 1 glass lens, M9x0.5, f: 3.1 mm, NA 0.67, ARC 400-700 nm | | | | 14,20 | 15,11 |
| RGL-402-9C, 1 glass lens, M9x0.5, f: 4.0 mm, NA 0.6, ARC 400-700 nm | | | | 10,60 | 11,28 |
| RGL-402-9C, 1 glass lens, M9x0.5, f: 4.0 mm, NA 0.6, ARC 400-700 nm | | | | 10,60 | 11,28 |
| RGL-550-9C, 2 glass lens, M9x0.5, f: 5.5 mm, NA 0.45, ARC 400-700 nm | | | | 10,60 | 11,28 |
| RGL-650-9C, 2 glass lens, M9x0.5, f: 6.5 mm, NA 0.45, ARC 400-700 nm | | | | 10,60 | 11,28 |
| RED AR Coating | | | | | |
| RGL-550-9RS, 3 glass lens, M9x0.5, f: 5.5 mm, NA 0.25, ARC 630-670 nm | | | | 10,60 | 11,28 |
| RGL-550-9R, 2 glass lens, M9x0.5, f: 5.5 mm, NA 0.45, ARC 630-670 nm | | | | 10,60 | 11,28 |
| GS-8020A, 3 glass lens, M9x0.5, f: 8.0 mm, NA 0.3, ARC 630-670 nm, O-ring sealing | | | | 9,80 | 10,43 |
| RLC-103AF, 3 glass lens, M9x0.5, f: 8.0 mm, NA 0.3, ARC 630-670 nm | | | | 9,50 | 10,11 |
| RGL-830-9R, 3 glass lens, M9x0.5, f: 8.3 mm, NA 0.30, ARC 630-670 nm | | | | 10,60 | 11,28 |
| LENS-15, 1 glass lens, 5 x 1.5 mm, f: 9.0 mm, NA 0.11, ARC 630-670 nm | | | | 6,80 | 7,24 |
| MPG-95, 3 glass lens, M9x0.5, f: 9.5 mm, NA 0.29, ARC 630-670 nm | | | | 13,20 | 14,05 |
| MPG-11, 3 glass lens, M9x0.5, f: 11.0 mm, NA 0.26, ARC 630-670 nm | | | | 13,20 | 14,05 |
| RGL-110-9R, 3 glass lens, M9x0.5, f: 11.0 mm, NA 0.45, ARC 630-670 nm | | | | 10,60 | 11,28 |
| INFRARED AR Coating | | | | | |
| RGL-311-9G, 1 glass lens, M9x0.5, f: 3.1 mm, NA 0.67, ARC 600-1050 nm | | | | 14,20 | 15,11 |
| RGL-820-9IR, 3 glass lens, M9x0.5, f: 8.2 mm, NA 0.29, ARC 630-780 nm | | | | 12,80 | 13,62 |
| RLY-134G, 3 glass lens, M9x0.5, f: 8.2 mm, NA 0.29, ARC 630-780 nm | | | | 12,80 | 13,62 |
| Laser Diode Collimators Achromatic Doublet Lens Glass | | Status | MOQ | EUR / pc | USD / pc |
|  <p>achromatic doublet lenses for limiting chromatic and spherical aberration best suited for laser diode collimation</p> | | | | | |
| DBS-05, glass doublet, 5.2 x 3 mm, f: 11 mm, NA 0.11, ARC | | | | 13,40 | 14,26 |
| DBS-07, glass doublet, 6.5 x 3.6 mm, f: 15 mm, NA 0.18, ARC | | | | 14,10 | 15,01 |
| DBS-14, glass doublet, 14 x 6.9 mm, f: 45 mm, NA 0.13, ARC | | | | 19,85 | 21,13 |
| Fresnel Lenses 1.0 µm - 30 µm | | Status | MOQ | EUR / pc | USD / pc |
| FRES-MIR-12-A, size 12 x 0.6 mm, f: 8 mm, white PE material | | | | 2,40 | 2,55 |
| FRES-MIR-20-A, size 20 x 0.6 mm, f: 20 mm, white PE material | | | | 2,56 | 2,72 |
| FRES-MIR-12-B, size 12 x 0.6 mm, f: 8 mm, dark PE material | | | | 2,40 | 2,55 |
| FRES-MIR-20-B, size 20 x 0.6 mm, f: 20 mm, dark PE material | | | | 2,56 | 2,72 |
| Silicon Lenses 1.2 µm - 9 µm | | Status | MOQ | EUR / pc | USD / pc |
| MIR-SI-25-25, silicon plano convex lens, Ø25 mm, FL: 25 mm, ct: 2.5 mm | | | | 99,00 | 105,37 |
| MIR-SI-35-55, silicon plano convex lens, Ø35 mm, FL: 55 mm, ct: 3.5 mm | | | | 121,00 | 128,79 |
| Germanium Lenses 2 µm - 17 µm | | Status | MOQ | EUR / pc | USD / pc |
| MIR-GE-25-25, germanium plano convex lens, Ø25 mm, FL: 25 mm, ct: 2.6 mm | | | | 187,00 | 199,04 |
| MIR-GE-35-55, germanium plano convex lens, Ø35 mm, FL: 55 mm, ct: 3.5 mm | | | | 187,00 | 199,04 |
| Zinc Selenide Lenses 600 nm - 16 µm | | Status | MOQ | EUR / pc | USD / pc |
| MIR-ZN-25-50, ZnSe plano convex lens, Ø25.4 mm, FL: 50.8 mm, ct: 2.5 mm | | | | 144,00 | 153,27 |
| MIR-ZN-25-157, ZnSe plano convex lens, Ø25.4 mm, FL: 157 mm, ct: 2.5 mm | | | | 144,00 | 153,27 |
| MIR-ZN-25-50-M, ZnSe meniscus lens, AR/AR 10.6 µm, Ø25.4 mm, FL: 50.8 mm, ct: 2.5 mm | | | | 180,00 | 191,59 |
| Calcium Fluoride Lenses 150 nm - 9 µm | | Status | MOQ | EUR / pc | USD / pc |
| UVIR-CAF2-25-25, CaF2 bi convex lens, Ø25 mm, FL: 25 mm, ct: 11.0 mm | | | | 121,00 | 128,79 |
| UVIR-CAF2-35-55, CaF2 plano convex lens, Ø35 mm, FL: 55 mm, ct: 10.0 mm | | | | 143,00 | 152,20 |


| Cylinder Line Generating Lenses Glass | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | glass cylinder lenses for line generation | | | | |
| CL2.0X5.0, cylinder lens, Ø2.0 mm, length 5.0 mm, BK-7 glass | | | | 3,50 | 3,73 |
| CL2.5X5.5, cylinder lens, Ø 2.5 mm, length 5.5 mm, BK-7 glass | | | | 3,50 | 3,73 |
| CL4.0X6.0, cylinder lens, Ø4.0 mm, length 6.0 mm, BK-7 glass | | | | 3,50 | 3,73 |
| CL5.0X8.0, cylinder lens, diameter 5.0 mm, length 8.0 mm, ±25°, BK-7 glass | | | | 3,50 | 3,73 |
| CL7.0X10.0, cylinder lens, Ø7.0 mm, length 10.0 mm, ±15°, BK-7 glass | | | | 3,50 | 3,73 |
| CL7.0X15.0, cylinder lens, Ø7.0 mm, length 15.0 mm, ±15°, K9 glass, SD 40/20 | | | | 7,40 | 7,88 |
| HCL10.0X2.0, half-cylinder lens, 10.0x2.0 mm, ±1.5°, BK-7 glass | | | | 4,30 | 4,58 |
| HCL10.0X7.0X3.7, half-cylinder lens, 10.0x7.0x3.7 mm, ±12°, BK-7 glass | | | | 4,30 | 4,58 |
| Powell Line Generating Lenses Glass | | Status | MOQ | EUR / pc | USD / pc |
|  | patented Powell line generating lens offers very even intensity distribution over the complete length of the projected line | | | | |
| PL532-1-10, 10° line, beam Ø1 mm, wavelength 532 nm, Ø9 x 8 mm | | | | 71,10 | 75,68 |
| PL650-3-10, 10° line, beam Ø3 mm, wavelength 650 nm, Ø9 x 8 mm | | | | 71,10 | 75,68 |
| PL650-5-10, 10° line, beam Ø5 mm, wavelength 650 nm, Ø9 x 8 mm | | | | 71,10 | 75,68 |
| PL532-1-15, 15° line, beam Ø1 mm, wavelength 532 nm, Ø9 x 8 mm | | | | 71,10 | 75,68 |
| PL650-3-15, 15° line, beam Ø3 mm, wavelength 650 nm, Ø9 x 8 mm | | | | 71,10 | 75,68 |
| PL650-5-15, 15° line, beam Ø5 mm, wavelength 650 nm, Ø9 x 8 mm | | | | 71,10 | 75,68 |
| PL532-1-30, 30° line, beam Ø1 mm, wavelength 532 nm, Ø9 x 8 mm | | | | 71,10 | 75,68 |
| PL650-3-30, 30° line, beam Ø3 mm, wavelength 650 nm, Ø9 x 8 mm | | | | 71,10 | 75,68 |
| PL650-5-30, 30° line, beam Ø5 mm, wavelength 650 nm, Ø9 x 8 mm | | | | 71,10 | 75,68 |
| PL532-1-45, 45° line, beam Ø1 mm, wavelength 532 nm, Ø9 x 8 mm | | | | 64,10 | 68,23 |
| PL650-3-45, 45° line, beam Ø3 mm, wavelength 650 nm, Ø9 x 8 mm | | | | 64,10 | 68,23 |
| PL650-5-45, 45° line, beam Ø5 mm, wavelength 650 nm, Ø9 x 8 mm | | | | 64,10 | 68,23 |
| PL532-1-60, 60° line, beam Ø1 mm, wavelength 532 nm, Ø9 x 8 mm | | | | 64,10 | 68,23 |
| PL650-3-60, 60° line, beam Ø3 mm, wavelength 650 nm, Ø9 x 8 mm | | | | 64,10 | 68,23 |
| PL650-5-60, 60° line, beam Ø5 mm, wavelength 650 nm, Ø9 x 8 mm | | | | 64,10 | 68,23 |
| PL532-1-90, 90° line, beam Ø1 mm, wavelength 532 nm, Ø9 x 8 mm | | | | 64,10 | 68,23 |
| PL650-3-90, 90° line, beam Ø3 mm, wavelength 650 nm, Ø9 x 8 mm | | | | 64,10 | 68,23 |
| PL650-5-90, 90° line, beam Ø5 mm, wavelength 650 nm, Ø9 x 8 mm | | | | 64,10 | 68,23 |
| Molded Plastic Line Generating Lenses | | Status | MOQ | EUR / pc | USD / pc |
|  | molded plastic lenses for line generation - LINE - CROSS LINE | | | | |
| LG-35, Ø8 x 2 mm, 35° lineoptik, PMMA | | | | 2,65 | 2,82 |
| LG-58, Ø8 x 2 mm, 58° lineoptik, PMMA | | | | 2,65 | 2,82 |
| LG-90, Ø8 x 2 mm, 90° lineoptik, PMMA | | | | 2,65 | 2,82 |
| LG-110, Ø8 x 3 mm, 110° lineoptik, PMMA | | | | 2,65 | 2,82 |
| CG-58, Ø8 x 2 mm, 2x 58° cross-lineoptik, PMMA | | | | 2,98 | 3,17 |
| Diffractive Pattern Generators | | Status | MOQ | EUR / pc | USD / pc |
|  | Diffractive Optical Elements from ruled PMMA sheets - LINE - CROSS LINE - CIRCLE - CIRCLE + CROSS LINE (target) | | | | |
| DPG11, circle, angle 3°, acrylic die, Ø7 x 1 mm | | | | 1,10 | 1,17 |
| DOE-7C, circle, angle 5-10°, acrylic die, Ø6.7 x 0.8 mm | | | | 1,19 | 1,27 |
| DPG12, line, angle 6°, acrylic die, Ø7 x 1 mm | | | | 1,10 | 1,17 |
| DOE-7L, line, angle 5-10°, acrylic die, Ø6.7 x 0.8 mm | | | | 1,19 | 1,27 |
| DPG18, cross line, angle 8.8°, acrylic die, Ø7 x 1 mm | | | | 1,10 | 1,17 |
| DOE-7CL, cross line, angle 5-10°, acrylic die, Ø6.7 x 0.8 mm | | | | 1,19 | 1,27 |
| DOE-7T, circle with cross line, angle 5-10°, acrylic die, Ø6.7 x 0.8 mm | | | | 1,19 | 1,27 |


| Retroreflectors | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | trihedral prisms or corner cubes do reflect a laser beam by 180° back to its origin through total internal reflection | | | | |
| CCUBE-13-K9, Ø12.7 x 9.5 mm, 60/40 SD, flatness $\lambda/10$, uncoated, H-K9L | | | | 48,00 | 51,09 |
| CCUBE-13-BK7, Ø12.7 x 9.5 mm, S/D 60/40, flatness $\lambda/10$, uncoated, BK7 | | | | 70,00 | 74,51 |
| CCUBE-25-K9, Ø25.4 x 19 mm, S/D 60/40, flatness $\lambda/10$, uncoated, H-K9L | | | | 48,00 | 51,09 |
| CCUBE-25-BK7, Ø25.4 x 19 mm, S/D 60/40, flatness $\lambda/10$, uncoated, BK7 | | | | 87,50 | 93,13 |
| Right Angle Prisms | | Status | MOQ | EUR / pc | USD / pc |
|  | prisms can be used to deviate a laser beam by 90° or 180° depending on which side is used for the input beam | | | | |
| RA-PRISM-10-K9, Right Angle Prism, 10x10x10 mm, $\lambda/10$, uncoated, H-K9L | | | | 16,00 | 17,03 |
| RA-PRISM-10-BK7, Right Angle Prism, 10x10x10 mm, $\lambda/10$, uncoated, BK7 | | | | 17,50 | 18,63 |
| RA-PRISM-20-K9, Right Angle Prism, 20x20x20 mm, $\lambda/10$, uncoated, H-K9L | | | | 24,50 | 26,08 |
| RA-PRISM-20-BK7, Right Angle Prism, 20x20x20 mm, $\lambda/10$, uncoated, BK7 | | | | 28,50 | 30,33 |
| RA-PRISM-25-K9, Right Angle Prism, 25x25x25 mm, $\lambda/10$, uncoated, H-K9L | | | | 29,10 | 30,97 |
| RA-PRISM-25-BK7, Right Angle Prism, 25x25x25 mm, $\lambda/10$, uncoated, BK7 | | | | 33,10 | 35,23 |
| Anamorphic Prisms | | Status | MOQ | EUR / pc | USD / pc |
|  | anamorphic prism pairs are used to convert an elliptic laser diode beam to near round beam profile | | | | |
| AN-PRISM-12-SF11, Anamorphic Prism, 12x12x8.5 mm, $\lambda/10$, uncoated, SF11, 1 pc. | | | | 44,00 | 46,83 |
| Equilateral Prisms | | Status | MOQ | EUR / pc | USD / pc |
|  | equilateral or dispersion prisms have three equal 60° angles, and are used for spectral dispersion of light | | | | |
| EL-PRISM-25-K9, Equilateral Prism, 25.4 mm, $\lambda/10$, uncoated, H-K9L | | | | 45,00 | 47,90 |
| EL-PRISM-25-BK7, Equilateral Prism, 25.4 mm, $\lambda/10$, uncoated, BK7 | | | | 52,50 | 55,88 |
| Penta Prisms | | Status | MOQ | EUR / pc | USD / pc |
|  | penta prism deviates the input beam through 90°, but does not invert the image in the process | | | | |
| PT-PRISM-10-K9, Penta Prism, 10x10 mm, $\lambda/10$, AL coating, H-K9L | | | | 69,60 | 74,08 |
| PT-PRISM-10-BK7, Penta Prism, 10x10 mm, $\lambda/10$, AL coating, BK7 | | | | 42,00 | 44,70 |
| PT-PRISM-25-BK7, Penta Prism, 25.4x25.4 mm, $\lambda/10$, AL coating, BK7 | | | | 84,00 | 89,41 |
| Polarizing Beamsplitter Cubes | | Status | MOQ | EUR / pc | USD / pc |
|  | beamsplitter splits randomly polarized light into two linear polarized beams | | | | |
| PBS-05-BK7, Pol. Beamsplitter Cube, 5x5x5 mm, $\lambda/4$, design wavelength 620-660 nm, S/D 60/40, BK7 | | | | 110,00 | 117,08 |
| PBS-10-ZF1, Pol. Beamsplitter Cube, 10x10x10 mm, $\lambda/4$, design wavelength 450-650 nm, SD 60/40, ZF1 | | | | 92,00 | 97,92 |
| PBS-10-BK7, Pol. Beamsplitter Cube, 10x10x10 mm, $\lambda/4$, design wavelength 620-660 nm, S/D 60/40, BK7 | | | | 117,50 | 125,06 |
| PBS-20-ZF1, Pol. Beamsplitter Cube, 20x20x20 mm, $\lambda/4$, design wavelength 450-650 nm, SD 60/40, ZF1 | | | | 98,60 | 104,95 |
| PBS-20-BK7, Pol. Beamsplitter Cube, 20x20x20 mm, $\lambda/4$, design wavelength 620-660 nm, S/D 60/40, BK7 | | | | 133,20 | 141,77 |

| Optical Windows | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | BK7 and H-K9L high precision uncoated windows for broad wavelength range of 350 nm to 2 μm excellent transmission in the visible and IR range | | | | |
| WIN-10-K9, Window, Ø10 x 3 mm, uncoated, H-K9L glass | | | | 9,50 | 10,11 |
| WIN-10-BK7, Window, Ø10 x 3 mm, uncoated, BK7 glass | | | | 9,50 | 10,11 |
| WIN-13-K9, Window, Ø12.7 x 3 mm, uncoated, H-K9L glass | | | | 9,50 | 10,11 |
| WIN-13-BK7, Window, Ø12.7 x 3 mm, uncoated, BK7 glass | | | | 9,50 | 10,11 |
| WIN-15-K9, Window, Ø15 x 3 mm, uncoated, H-K9L glass | | | | 10,50 | 11,18 |
| WIN-15-BK7, Window, Ø15 x 3 mm, uncoated, BK7 glass | | | | 10,50 | 11,18 |
| WIN-20-K9, Window, Ø20 x 3 mm, uncoated, H-K9L glass | | | | 13,50 | 14,37 |
| WIN-20-BK7, Window, Ø20 x 3 mm, uncoated, BK7 glass | | | | 13,50 | 14,37 |
| WIN-25-K9, Window, Ø25.4 x 3 mm, uncoated, H-K9L glass | | | | 18,00 | 19,16 |
| WIN-25-BK7, Window, Ø25.4 x 3 mm, uncoated, BK7 glass | | | | 18,00 | 19,16 |
| WIN-30-K9, Window, Ø30 x 3 mm, uncoated, H-K9L glass | | | | 19,00 | 20,22 |
| WIN-30-BK7, Window, Ø30 x 3 mm, uncoated, BK7 glass | | | | 19,00 | 20,22 |
| WIN-50-K9, Window, Ø50.8 x 3 mm, uncoated, H-K9L glass | | | | 25,50 | 27,14 |
| WIN-50-BK7, Window, Ø50.8 x 3 mm, uncoated, BK7 glass | | | | 25,50 | 27,14 |
| Metal Coated Mirrors | | Status | MOQ | EUR / pc | USD / pc |
|  | metal coated mirrors are ideally suited for reflecting light over a broad range of wavelengths | | | | |
| MIR-AL-25K9, Mirror, Ø25.4 x 3 mm, λ/10, coating AL+SiO2, RAVS >87%, H-K9L | | | | 36,50 | 38,85 |
| MIR-AL-25BK, Mirror, Ø25.4 x 3 mm, λ/10, coating AL+SiO2, RAVS >87%, BK7 | | | | 37,50 | 39,91 |
| MIR-AG-25K9, Mirror, Ø25.4 x 3 mm, λ/10, coating AG+SiO2, RAVS >95%, H-K9L | | | | 38,50 | 40,98 |
| MIR-AG-25BK, Mirror, Ø25.4 x 3 mm, λ/10, coating AG+SiO2, RAVS >95%, BK7 | | | | 39,50 | 42,04 |
| Cone Mirrors | | Status | MOQ | EUR / pc | USD / pc |
|  | cone mirrors are used to reflect a laser beam by 90° and spread it's light in an angle of 360° | | | | |
| CMIR-AL-70, Cone Mirror, Ø7.0 x 3.0 (6.0) mm, λ/10, Aluminum | | | | 22,10 | 23,52 |
| Axicon Lenses | | Status | MOQ | EUR / pc | USD / pc |
|  | An AXICON transforms a laser beam into a ring shaped distribution. It can be used to turn a Gaussian beam into non-diffractive Bessel-like beams. - S/D: 60/40 - ARC > 99 % @ 400-700nm - CA > 90 % | | | | |
| AXICON-12-165, Axicon Lens, Ø12.0 x 1.6 mm, H-K9L, ARC 400-700 nm | | | | 55,70 | 59,28 |
| Half Ball Lenses | | Status | MOQ | EUR / pc | USD / pc |
|  | Half ball lenses with high refraction index for shortest focal length ideally suited for fiber coupling application, endoscopy, ... S/D 40/20 Ovality <0,003 | | | | |
| HBL-01, Half ball lens, Ø1 mm, uncoated, H-K9L glass | | | | 11,90 | 12,67 |
| HBL-02, Half ball lens, Ø2 mm, uncoated, H-K9L glass | | | | 9,20 | 9,79 |
| HBL-03, Half ball lens, Ø3 mm, uncoated, H-K9L glass | | | | 9,20 | 9,79 |
| HBL-04, Half ball lens, Ø4 mm, uncoated, H-K9L glass | | | | 9,20 | 9,79 |
| HBL-05, Half ball lens, Ø5 mm, uncoated, H-K9L glass | | | | 9,20 | 9,79 |
| HBL-06, Half ball lens, Ø6 mm, uncoated, H-K9L glass | | | | 12,80 | 13,62 |
| HBL-08, Half ball lens, Ø8 mm, uncoated, H-K9L glass | | | | 12,80 | 13,62 |
| HBL-10, Half ball lens, Ø10 mm, uncoated, H-K9L glass | | | | 14,20 | 15,11 |
| HBL-15, Half ball lens, Ø15 mm, uncoated, H-K9L glass | | | | 17,50 | 18,63 |
| HBL-18, Half ball lens, Ø18 mm, uncoated, H-K9L glass | | | | 29,10 | 30,97 |
| HBL-25, Half ball lens, Ø25 mm, uncoated, H-K9L glass | | | | 33,60 | 35,76 |
| HBL-38, Half ball lens, Ø38 mm, uncoated, H-K9L glass | | | | 41,90 | 44,60 |



| Ball Lenses | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  <p>ball lenses with high refraction index for shortest focal length ideally suited for fiber coupling application, endoscopy, ... S/D 40/20 Ovality <0,003</p> | | | | | |
| BL-01, Ball Lens, Ø1 mm, uncoated, H-K9L glass | | | | 9,90 | 10,54 |
| BL-02, Ball Lens, Ø2 mm, uncoated, H-K9L glass | | | | 8,20 | 8,73 |
| BL-03, Ball Lens, Ø3 mm, uncoated, H-K9L glass | | | | 8,20 | 8,73 |
| BL-04, Ball Lens, Ø4 mm, uncoated, H-K9L glass | | | | 8,20 | 8,73 |
| BL-05, Ball Lens, Ø5 mm, uncoated, H-K9L glass | | | | 8,20 | 8,73 |
| BL-06, Ball Lens, Ø6 mm, uncoated, H-K9L glass | | | | 11,80 | 12,56 |
| BL-08, Ball Lens, Ø8 mm, uncoated, H-K9L glass | | | | 12,20 | 12,99 |
| BL-10, Ball Lens, Ø10 mm, uncoated, H-K9L glass | | | | 13,10 | 13,94 |
| BL-15, Ball Lens, Ø15 mm, uncoated, H-K9L glass | | | | 15,50 | 16,50 |
| BL-18, Ball Lens, Ø18 mm, uncoated, H-K9L glass | | | | 57,90 | 61,63 |
| BL-25, Ball Lens, Ø25 mm, uncoated, H-K9L glass | | | | 62,40 | 66,42 |
| BL-38, Ball Lens, Ø38 mm, uncoated, H-K9L glass | | | | 68,70 | 73,12 |


| Fiber Optic Collimators | | Status | MOQ | EUR / pc | USD / pc |
|--|--|--------|-----|----------|----------|
|  <p>Collimate light exiting a fiber to a selected spot size. The lenses are broadband coated, but can be also offered with customized antireflection coating. The units are available with FC/PC or SMA connector. focal lengths 4 - 40 mm, spot size 1.1 - 11 mm</p> | | | | | |
| FOC-A4F30-FC, f: 4 mm, 3 mrad, spot Ø1.1 mm, Ø18 x 29 mm, FC connector | | | | o.r. | o.r. |
| FOC-A4F30-SMA, f: 4 mm, 3 mrad, spot Ø1.1 mm, Ø18 x 29 mm, SMA connector | | | | o.r. | o.r. |
| FOC-C10F12-FC, f: 10 mm, 1.2 mrad, spot Ø2.75 mm, Ø18 x 30.4 mm, FC connector | | | | o.r. | o.r. |
| FOC-C10F12-SMA, f: 10 mm, 1.2 mrad, spot Ø2.75 mm, Ø18 x 30.4 mm, SMA connector | | | | o.r. | o.r. |
| FOC-C15F10-FC, f: 15 mm, 1 mrad, spot Ø4 mm, Ø18 x 30.4 mm, FC connector | | | | o.r. | o.r. |
| FOC-C15F10-SMA, f: 15 mm, 1 mrad, spot Ø4 mm, Ø18 x 30.4 mm, SMA connector | | | | o.r. | o.r. |
| FOC-C15F10Q-FC, f: 15 mm, 1 mrad, spot Ø4 mm, quartz lens, Ø18 x 30.4 mm, FC connector | | | | o.r. | o.r. |
| FOC-C15F10Q-SMA, f: 15 mm, 1 mrad, spot Ø4 mm, quartz lens, Ø18 x 30.4 mm, SMA conn. | | | | o.r. | o.r. |
| FOC-B18F07-FC, f: 18 mm, 0.7 mrad, spot Ø5 mm, Ø18 x 34 mm, FC connector | | | | o.r. | o.r. |
| FOC-B18F07-SMA, f: 18 mm, 0.7 mrad, spot Ø5 mm, Ø18 x 34 mm, SMA connector | | | | o.r. | o.r. |
| FOC-C20F10-FC, f: 20 mm, 1 mrad, spot Ø5.5 mm, Ø18 x 30.4 mm, FC connector | | | | o.r. | o.r. |
| FOC-C20F10-SMA, f: 20 mm, 1 mrad, spot Ø5.5 mm, Ø18 x 30.4 mm, SMA connector | | | | o.r. | o.r. |
| FOC-C20F05D-FC, f: 20 mm, 0.5 mrad, spot Ø5.5 mm, double lens, Ø18 x 30.4 mm, FC conn. | | | | o.r. | o.r. |
| FOC-C20F05D-SMA, f: 20 mm, 0.5 mrad, spot Ø5.5 mm, double lens, Ø18 x 30.4 mm, SMA | | | | o.r. | o.r. |
| FOC-D30F07-FC, f: 30 mm, 0.7 mrad, spot Ø8.2 mm, Ø25.4 x 56.1 mm, FC connector | | | | o.r. | o.r. |
| FOC-D30F07-SMA, f: 30 mm, 0.7 mrad, spot Ø8.2 mm, Ø25.4 x 56.1 mm, SMA connector | | | | o.r. | o.r. |
| FOC-D40F07-FC, f: 40 mm, 0.7 mrad, spot Ø11 mm, Ø25.4 x 56.1 mm, FC connector | | | | o.r. | o.r. |
| FOC-D40F07-SMA, f: 40 mm, 0.7 mrad, spot Ø11 mm, Ø25.4 x 56.1 mm, SMA connector | | | | o.r. | o.r. |
| FOC-D40F08D-FC, f: 40 mm, 0.8 mrad, spot Ø11 mm, double lens, Ø25.4 x 56.1 mm, FC conn. | | | | o.r. | o.r. |
| FOC-D40F08D-SMA, f: 40 mm, 0.8 mrad, spot Ø11 mm, double lens, Ø25.4 x 56.1 mm, SMA | | | | o.r. | o.r. |
| FOC-D40F02Q-FC, f: 40 mm, 0.2 mrad, spot Ø11 mm, quartz lens, Ø25.4 x 56.1 mm, FC conn. | | | | o.r. | o.r. |
| FOC-D40F02Q-SMA, f: 40 mm, 0.2 mrad, spot Ø11 mm, quartz lens, Ø25.4 x 56.1 mm, SMA | | | | o.r. | o.r. |

| LASER MODULES - VIOLET | | Status | MOQ | EUR / pc | USD / pc |
|--|--|--------|-----|----------|----------|
|  <p>VIOLET Diode laser modules Automatic Power Control (APC) Cinch or USB-C Connector Power Supply + Holder available 405 nm</p> | | | | | |
| CW405-01, 405 nm, <1 mW, fixfocus, automatic power control, 2-5 VDC, Ø12 x 20 (41) mm | | | | 29,80 | 31,72 |
| CW405-01F, 405 nm, <1 mW, focussable, automatic power control, 2-5 VDC, Ø12 x 37 mm | | NEW | | 31,40 | 33,42 |
| CW405-01C, 405 nm, <1 mW, fixfocus, automatic power control, 5 VDC, Ø12 x 20 (49) mm, USB-C | | NEW | | 38,20 | 40,66 |
| CW405-05, 405 nm, 5 mW, fixfocus, automatic power control, 2-5 VDC, Ø12 x 20 (41) mm | | | | 29,80 | 31,72 |
| CW405-05F, 405 nm, <5 mW, focussable, automatic power control, 2-5 VDC, Ø12 x 37 mm | | NEW | | 32,80 | 34,91 |
| CW405-05C, 405 nm, 5 mW, fixfocus, automatic power control, 5 VDC, Ø12 x 20 (49) mm, USB-C | | NEW | | 38,20 | 40,66 |



| RLD series VIOLET 405 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>VIOLET Diode laser modules Automatic Power Control (APC) Focusable Power Supply available</p> | | | | |
| RLDD405-1-3, 405 nm, 1 mW, 0.5 mrad, focusable, <70 mA, 3 VDC, Ø14 x 45 mm | | | 52,00 | 55,35 |
| RLDE405-12-6, 405 nm, 12 mW, 0.6 mrad, focusable, <70 mA, 6 VDC, Ø22 x 65 mm | | | 98,00 | 104,31 |
| Modulable | | | | |
| RLDE405M-20-5, 405 nm, <20 mW, TTL <20 kHz, focusable, 5 VDC, Ø16 x 50 mm | | | 138,00 | 146,88 |
| RLDE405M-50-5, 405 nm, <50 mW, TTL <20 kHz, focusable, 5 VDC, Ø22 x 65 mm | | | 149,00 | 158,59 |
| RLDE405M-100-5, 405 nm, <100 mW, TTL <20 kHz, focusable, 5 VDC, Ø22 x 65 mm | | | 160,00 | 170,30 |

LASER MODULES - BLUE





| CW450 series BLUE 450 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>BLUE diode laser modules Automatic Power Control (APC) Cinch or USB-C Connector Power Supply + Holder available</p> <p>450 nm</p> | | | | |
| CW450-01, 450 nm, <1 mW, automatic power control, 2-5 VDC, Ø12 x 21 (44) mm | | | 38,90 | 41,40 |
| CW450-01F, 450 nm, <1 mW, APC, focusable, 2-5 VDC, Ø13 x 29 (52) mm | | | 46,10 | 49,07 |
| CW450-01C, 450 nm, <1 mW, automatic power control, 5 VDC, Ø12 x 21 (44) mm, USB-C connector | NEW | | 47,30 | 50,34 |
| CW450-05, 450 nm, 5 mW, automatic power control, 2-5 VDC, Ø12 x 21 (44) mm | | | 38,90 | 41,40 |
| CW450-05C, 450 nm, 5 mW, automatic power control, 5 VDC, Ø12 x 21 (44) mm, USB-C connector | NEW | | 47,30 | 50,34 |
| CW450-05F, 450 nm, <5 mW, APC, focusable, 2-5 VDC, Ø13 x 29 (52) mm | | | 46,10 | 49,07 |
| RLD series BLUE 450 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>high quality blue laser diode module - ACC (automatic current control) - focusable glass lens - 40 mW</p> <p>450 nm</p> | | | | |
| RLDD450-40-5, 450 nm, 40 mW, 0.5 mrad, focusable, <170 mA, 5 VDC, Ø14 x 45 mm | | | 128,00 | 136,24 |




| CW473H series BLUE 473 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>BLUE DPSS laser modules Automatic Power Control (APC) 3 VDC Heat Sink recommended TTL modulation available</p> | | | | |
| CW473H-01, 473 nm, 1 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 817,00 | 869,58 |
| CW473H-10, 473 nm, 10 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 817,00 | 869,58 |
| CW473H-30, 473 nm, 30 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 899,00 | 956,86 |
| CW473H-50, 473 nm, 50 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 1.114,00 | 1.185,70 |
| Heat Sink | | | | |
| CWH-HSTEC5, Heat sink for CW-H series, TEC control, 100x62x76mm, 5VDC | | | 152,00 | 161,78 |

LASER MODULES - GREEN



| APCD-01 series GREEN 520 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>Compact Size Ø 4.0 mm x 9.1 mm Brass Body CW + PWM Mode Fixfocus Acryl Lens 6 VDC Supply Voltage</p> | | | | |
| APCD-520-01-C2, 520 nm, <1 mW, laser class II, Iop <100 mA, fixfocus, Ø4.0 x 8.5 mm | NEW | | 33,90 | 36,08 |
| APCD-520-01-C3, 520 nm, <4 mW, Iop <100 mA, fixfocus, Ø4.0 x 8.5 mm | NEW | | 33,90 | 36,08 |
| APCD-02 series GREEN 520 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>Compact Size Ø 6.0 mm x 11 mm Brass Body CW + PWM Mode Focusable Acryl Lens 6 VDC Supply Voltage</p> | | | | |


| | | | |
|---|------------|-------|-------|
| APCD-520-02-C2, 520 nm, <1 mW, laser class II, Iop <100 mA, focusable, Ø6.0 x 11 mm | NEW | 31,90 | 33,95 |
| APCD-520-02-C3, 520 nm, <4 mW, Iop <100 mA, focusable, Ø6.0 x 11 mm | NEW | 31,90 | 33,95 |

| APCD-07 series GREEN 520 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | ULTRA Compact Size Ø 3.3 mm x 8.0 mm Brass Body CW + PWM Mode Fixfocus Acryl Lens 6 VDC Supply Voltage | | | | |
| APCD-520-07-C2, 520 nm, <1 mW, laser class II, Iop <100 mA, fixfocus, Ø3.3 x 8.0 mm | | NEW | | 35,90 | 38,21 |
| CW520 series GREEN 515 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | GREEN Diode laser modules Automatic Power Control (APC) Cinch or USB-C Connector Power Supply + Holder available | | | | |
| CW520-01, 515 nm, <1 mW, cw, automatic power control, 3-5 VDC, Ø12 x 18 (36) mm | | | | 35,90 | 38,21 |
| CW520-01F, 520 nm, <1 mW, cw, automatic power control, focusable, 3-5 V, Ø12 x 37 mm | | NEW | | 39,90 | 42,47 |
| CW520-01C, 515 nm, <1 mW, cw, automatic power control, 5 VDC, Ø12 x 18 (36) mm, USB-C | | NEW | | 44,90 | 47,79 |
| CW520-838-01, 515 nm, <1 mW, cw, automatic power control, 3-5 VDC, Ø8 x 18 (38) mm | | | | 32,90 | 35,02 |
| CW520-05, 515 nm, <5 mW, cw, automatic power control, 3-5 VDC, Ø12 x 18 (36) mm | | | | 35,90 | 38,21 |
| CW520-05F, 520 nm, <5 mW, cw, automatic power control, focusable, 3-5 V, Ø12 x 37 mm | | NEW | | 41,20 | 43,85 |
| CW520-05C, 515 nm, <5 mW, cw, automatic power control, 5 VDC, Ø12 x 18 (36) mm, USB-C | | NEW | | 44,90 | 47,79 |
| CW520-838-05, 515 nm, <5 mW, cw, automatic power control, 3-5 VDC, Ø8 x 18 (38) mm | | | | 32,90 | 35,02 |
| RLCW520 series GREEN 520 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | DIRECT EMITTING green diode laser modules - glass lens, fixed focus - CW operation - APC (automatic power control) - wide operating temperature (-10...+60°C) | | | | |
| 520 nm | | | | | |
| RLCW520-5-5, 520 nm, 5 mW, APC, 0.8 mrad, fixed focus, 120 mA, 5 VDC, Ø8 x 35 mm | | | | 165,00 | 175,62 |
| RLCW520F-9-5, 520 nm, 9 mW, APC, 0.8 mrad, focusable, 100 mA, 5 VDC, Ø16 x 65 mm | | | | 182,00 | 193,71 |
| RLCW520-12-5, 520 nm, 12 mW, APC, 0.8 mrad, fixed focus, 250 mA, 5 VDC, Ø8 x 35 mm | | | | 182,00 | 193,71 |
| Modulable | | | | | |
| RLCW520M-1-3, 520 nm, 1 mW, APC, TTL <1 kHz, fixed focus, 30 mA, 3 VDC, Ø8 x 35 mm | | | | 165,00 | 175,62 |
| RLCW520M-5-5, 520 nm, 5 mW, APC, TTL <10 kHz, fixed focus, 120 mA, 5 VDC, Ø8 x 35 mm | | | | 182,42 | 194,16 |
| CW532 series GREEN 532 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | GREEN DPSS Diode laser modules Automatic Power Control (APC) Cinch or USB-C Connector Power Supply + Holder available | | | | |
| 532 nm | | | | | |
| Collimated | | | | | |
| CW532-001, 532 nm, <1 mW, cw, APC, 0.6 mrad, ~140 mA, 3.0 VDC, Ø12 x 31 (49) mm | | | | 37,20 | 39,59 |
| CW532-1-831, 532 nm, <1 mW, cw, APC, 1.2 mrad, 3.0 VDC, Ø8 x 31 (49) mm | | | | 36,20 | 38,53 |
| CW532-005, 532 nm, <5 mW, cw, APC, 0.6 mrad, ~140 mA, 3.0 VDC, Ø12 x 31 (49) mm | | | | 40,20 | 42,79 |
| CW532-5-831, 532 nm, <5 mW, cw, APC, 1.2 mrad, 3.0 VDC, Ø8 x 31 (49) mm | | | | 36,20 | 38,53 |
| CW532-010, 532 nm, 10 mW, cw, APC, 0.8 mrad, ~200 mA, 3.0 VDC, Ø12 x 31 (49) mm | | | | 56,20 | 59,82 |
| CW532-020, 532 nm, 20 mW, cw, APC, 0.8 mrad, ~250 mA, 3.0 VDC, Ø12 x 31 (49) mm | | | | 69,00 | 73,44 |
| CW532-030, 532 nm, 30 mW, cw, APC, 0.8 mrad, ~350 mA, 3.0 VDC, Ø12 x 35 (53) mm | | | | 93,20 | 99,20 |
| CW532-050, 532 nm, 50 mW, cw, APC, 0.8 mrad, ~600 mA, 3.0 VDC, Ø12 x 35 (53) mm | | | | 100,20 | 106,65 |
| CW532-100, 532 nm, 100 mW, cw, ACC, 1.2 mrad, ~650 mA, 3.0 VDC, Ø12 x 31 (49) mm | | | | 200,20 | 213,09 |
| Focusable | | | | | |
| CW532-001F, 532 nm, <1 mW, APC, focusable, 150 mA, 3.0 VDC, Ø13 x 37 (55) mm | | | | 43,70 | 46,51 |
| CW532-005F, 532 nm, <5 mW, APC, focusable, 200 mA, 3.0 VDC, Ø13 x 37 (55) mm | | | | 43,70 | 46,51 |
| CW532-010F, 532 nm, 10 mW, APC, focusable, 200 mA, 3.0 VDC, Ø13 x 37 (55) mm | | | | 53,70 | 57,16 |
| CW532-020F, 532 nm, 20 mW, APC, focusable, 250 mA, 3.0 VDC, Ø13 x 37(55) mm | | | | 67,20 | 71,53 |
| CW532-050F, 532 nm, 50 mW, APC, focusable, 600 mA, 3.0 VDC, Ø13 x 37 (55) mm | | | | 100,40 | 106,86 |
| CW532-100F, 532 nm, 100 mW, ACC, focusable, 650 mA, 3.0 VDC, Ø13 x 37(55) mm | | | | 197,20 | 209,89 |
| USB-C Connector | | | | | |
| CW532-01C, 532 nm, <1 mW, cw, APC, 0.6 mrad, ~140 mA, 5 VDC, Ø12 x 31 (49) mm, USB-C | | NEW | | 48,90 | 52,05 |
| CW532-05C, 532 nm, <5 mW, cw, APC, 0.6 mrad, ~140 mA, 5 VDC, Ø12 x 31 (49) mm, USB-C | | NEW | | 50,70 | 53,96 |
| High operating temperature | | | | | |
| CW532HT-1, 532 nm, 0.5-0.99 mW, cw, APC, 10-50°C, 1.2 mrad, 3 VDC, Ø12 x 31.3 (51.3) mm | | | | 69,70 | 74,19 |
| CW532HT-5, 532 nm, 3-5 mW, cw, APC, 10-50°C, 1.2 mrad, 3 VDC, Ø12 x 31.3 (51.3) mm | | | | 69,70 | 74,19 |
| LAS532-WT50-3, 532 nm, 3.25 mW, cw, APC, -10-50°C, 1.7 mrad, 3 VDC, Ø12 x 35 mm | | | | 102,00 | 108,56 |


| CW532H series GREEN 532 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | <p>GREEN DPSS laser modules</p> <p>Automatic Power Control (APC) 3 VDC Heat Sink recommended TTL modulation available</p> <p>532 nm</p> | | | | |
| CW532H-050, 532 nm, 50 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | | 316,00 | 336,34 |
| CW532H-100, 532 nm, 100 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | | 461,00 | 490,67 |
| CW532H-300, 532 nm, 300 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | | 733,00 | 780,18 |
| Heat Sink | | | | | |
| CWH-HSTEC5, Heat sink for CW-H series, TEC control, 100x62x76mm, 5VDC | | | | 152,00 | 161,78 |
| CW532-04 series GREEN 532 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>GREEN DPSS Diode laser modules</p> <p>Automatic Power Control (APC) CW + modulation (BNC) 9.0 VDC</p> <p>532 nm</p> | | | | |
| CW532-04-1, 532 nm, <1 mW, 1.5 mrad, cw+modulation, case, BNC, 9.0 VDC | | | | 199,00 | 211,81 |
| CW532-04-5, 532 nm, <5 mW, 1.5 mrad, cw+modulation, case, BNC, 9.0 VDC | | | | 219,00 | 233,10 |
| CW532-04-10, 532 nm, <10 mW, 1.5 mrad, cw+modulation, case, BNC, 9.0 VDC | | | | 229,00 | 243,74 |
| CW532-04-20, 532 nm, <20 mW, 1.5 mrad, cw+modulation, case, BNC, 9.0 VDC | | | | 318,00 | 338,47 |
| CW532-04-30, 532 nm, >30 mW, 1.5 mrad, cw+modulation, case, BNC, 9.0 VDC | | | | 365,00 | 388,49 |
| CW532-04-50, 532 nm, 50 mW, 1.5 mrad, cw+modulation, case, BNC, 9.0 VDC | | | | 449,00 | 477,90 |
| CW532-04-80, 532 nm, 80 mW, 1.5 mrad, cw+modulation, case, BNC, 9.0 VDC | | | | 547,00 | 582,21 |
| RLDD532 series GREEN 532 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>small size diode pumped solid state green laser modules, ready to use, auto power control, size: 16 x 60 mm supply voltage: 3.0 VDC</p> <p>532 nm</p> | | | | |
| RLDD532-1-3, 532 nm, 1 mW, cw, laser class II, APC, 0.5 mrad, 3.0 VDC, Ø16 x 60 mm | | | | 78,34 | 83,38 |
| RLDD532-1-3-LI, 532 nm, 1 mW, cw, laser class II, APC, 0.5 mrad, 3.0 VDC, wires only, Ø16 x 60 mm | | | | 78,34 | 83,38 |
| RLDD532-3-3, 532 nm, 3 mW, cw, APC, 0.5 mrad, 3.0 VDC, Ø16 x 60 mm | | | | 80,77 | 85,97 |
| RLDD532-5-3, 532 nm, 5 mW, cw, APC, 0.5 mrad, 3.0 VDC, Ø16 x 60 mm | | | | 90,77 | 96,61 |
| RLDD532-10-3, 532 nm, 10 mW, cw, APC, 0.5 mrad, 3.0 VDC, Ø20 x 80 mm | | | | 122,31 | 130,18 |
| RLDD532-50-3, 532 nm, 50 mW, cw, APC, 0.5 mrad, 3.0 VDC, Ø42 x 80 mm | | | | 313,00 | 333,15 |

LASER MODULES - GREEN LINE


| RLCW520 GREEN 520 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | <p>Green focusable line laser module</p> <ul style="list-style-type: none"> - APC (automatic power control) - Focusable - 90° line, cylinder lens - wide operating temperature (-10..+60°C) <p>520 nm</p> | | | | |
| RLCW520FL-5-5, 520 nm, 5 mW, line, 0.4 mrad, focusable, 150 mA, 5 VDC, Ø16 x 65 mm | | | | 166,70 | 177,43 |
| CW532-L series GREEN 532 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>GREEN Diode pumped solid state (DPSS) line laser modules</p> <p>60° line generating lens (cylinder lens) Automatic Power Control (APC) Power Supply + Holder available</p> <p>532 nm</p> | | | | |
| CW532-001L, 532 nm, <1 mW, cw, APC, 60° line, 3.0 VDC, Ø12 x 35 (51) mm | | | | 41,00 | 43,64 |
| CW532-1-833L, 532 nm, <1 mW, cw, APC, 60° line, 150 mA, 3.0 VDC, Ø8 x 35 (53) mm | | | | 41,10 | 43,75 |
| CW532-005L, 532 nm, <5 mW, cw, APC, 60° line, 3.0 VDC, Ø12 x 35 (51) mm | | | | 44,30 | 47,15 |
| CW532-5-833L, 532 nm, <5 mW, cw, APC, 60° line, 200 mA, 3.0 VDC, Ø8 x 35 (53) mm | | | | 41,10 | 43,75 |
| CW532-010L, 532 nm, <10 mW, cw, APC, 60° line, 3.0 VDC, Ø12 x 35 (51) mm | | | | 60,60 | 64,50 |
| CW532-020L, 532 nm, <20 mW, cw, APC, 60° line, 3.0 VDC, Ø12 x 35 (51) mm | | | | 73,80 | 78,55 |
| CW532-030L, 532 nm, 30 mW, cw, APC, 60° line, 3.0 VDC, Ø12 x 35 (51) mm | | | | 97,20 | 103,46 |
| CW532-050L, 532 nm, 50 mW, cw, APC, 60° line, 3.0 VDC, Ø12 x 35 (51) mm | | | | 104,70 | 111,44 |
| CW532-100L, 532 nm, 100 mW, cw, ACC, 60° line, 3.0 VDC, Ø12 x 35 (51) mm | | | | 204,70 | 217,87 |

| RLDD532 GREEN 532 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>DIRECT EMITTING green line laser modules</p> <ul style="list-style-type: none"> - APC (automatic power control) - 90° line, cylinder lens - wide operating temperature (-10..+60°C) | | | | |
| RLDD532-5-3, 532 nm, <5 mW, cw, APC, 90° line, <300 mA, 3.0 VDC, Ø14 x 60 mm | | | 78,00 | 83,02 |


LASER MODULES - GREEN CROSS LINE


| RLC series GREEN | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>DIRECT EMITTING green cross line laser modules</p> <ul style="list-style-type: none"> - APC (automatic power control) - 90° cross line, cylinder lenses - fixed focus - wide operating temperature (-10 .. +60 °C) <p>520 + 532 nm</p> | | | | |
| RLCW520C-5-5, 520 nm, 4.5-5.5 mW, cross line, fixed focus, 80 mA, 5 VDC, Ø20 x 80 mm | | | 182,00 | 193,71 |
| RLCA532-5-3, 532 nm, <5 mW, cw, APC, cross line, <300 mA, 3.0 VDC, Ø20 x 80 mm | | | 91,00 | 96,86 |



LASER MODULES - GREEN 360° LINE

| TN360 series GREEN | Status | MOQ | EUR / pc | USD / pc |
|--|------------|-----|----------|----------|
|  <p>High power 360° line laser module</p> <p>Compact size laser module with 360° line projection through a polished cone mirror. Working distance: 5 m</p> | | | | |
| TN360-5020, 505 nm, 20 mW, 360° line, 7.0 VDC, Ø13(20) x 35 mm | | | 59,00 | 62,80 |
| TN360-5230, 520 nm, 30 mW, 360° line, 3-5 VDC, Ø13(20) x 35 mm | EOL | | 59,00 | 62,80 |




LASER MODULES - YELLOW





| CW561H series YELLOW-GREEN 561 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>YELLOW-GREEN DPSS laser modules</p> <p>Automatic Power Control (APC) 3 VDC Heat Sink recommended TTL modulation available</p> <p>561 nm</p> | | | | |
| CW561H-01, 561 nm, 1 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 990,00 | 1.053,72 |
| CW561H-05, 561 nm, 5 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 990,00 | 1.053,72 |
| CW561H-10, 561 nm, 10 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 990,00 | 1.053,72 |
| CW561H-20, 561 nm, 20 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 1.411,00 | 1.501,81 |
| Heat Sink CWH-HSTEC5, Heat sink for CW-H series, TEC control, 100x62x76mm, 5VDC | | | 152,00 | 161,78 |

| CW589H series YELLOW 589 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>YELLOW DPSS laser modules</p> <p>Automatic Power Control (APC) 3 VDC Heat Sink recommended TTL modulation available</p> <p>589 nm</p> | | | | |
| CW589H-01, 589 nm, 1 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 910,00 | 968,57 |
| CW589H-05, 589 nm, 5 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 910,00 | 968,57 |
| CW589H-10, 589 nm, 10 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 910,00 | 968,57 |
| CW589H-30, 589 nm, 30 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 1.114,00 | 1.185,70 |
| CW589H-50, 589 nm, 50 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 1.529,00 | 1.627,41 |
| CW589H-80, 589 nm, 80 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 1.882,00 | 2.003,13 |
| Heat Sink CWH-HSTEC5, Heat sink for CW-H series, TEC control, 100x62x76mm, 5VDC | | | 152,00 | 161,78 |



| CW series YELLOW 593 nm | | Status | MOQ | EUR / pc | USD / pc |
|--|---|------------|-----|----------|----------|
|  | Diode laser modules Automatic Power Control (APC) Cinch Connector Focusable Heat Sink required | | | | |
| CW593-01, 593 nm, <1 mW, cw, < 1.2 mrad, <450 mA, 3.0 VDC, Ø12 x 31 (49) mm | | NEW | | 54,30 | 57,79 |
| Heat Sink SQ50X34, heat sink for CW Ø 12mm series, black aluminium, 114 g, 50 x 50 x 34 mm | | | | 18,90 | 20,12 |
| CW594H series YELLOW 593.5 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | YELLOW DPSS laser modules Automatic Power Control (APC) 3 VDC Heat Sink recommended TTL modulation available 593.5 nm | | | | |
| CW594H-01, 593.5 nm, 1 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | NEW | | 910,00 | 968,57 |
| CW594H-05, 593.5 nm, 5 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | | 956,00 | 1.017,53 |
| CW594H-10, 593.5 nm, 10 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | | 1.114,00 | 1.185,70 |
| CW594H-20, 593.5 nm, 20 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | | 1.294,00 | 1.377,28 |
| CW594H-30, 593.5 nm, 30 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | | 1.529,00 | 1.627,41 |
| Heat Sink CWH-HSTEC5, Heat sink for CW-H series, TEC control, 100x62x76mm, 5VDC | | | | 152,00 | 161,78 |








LASER MODULES - RED 635 nm






| CW series RED 635 nm | | Status | MOQ | EUR / pc | USD / pc |
|--|---|------------|-----|----------|----------|
|  | Automatic Power Control (APC) Focusable Cinch or USB-C Connector 635 nm | | | | |
| CW635-01, 635 nm, <1 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | | | | 16,90 | 17,99 |
| CW635-01C, 635 nm, <1 mW, cw, focussable, APC, 5 VDC, Ø12 x 37 mm, USB-C connector | | NEW | | 21,90 | 23,31 |
| CW635-05, 635 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | | | | 18,20 | 19,37 |
| CW635-05C, 635 nm, <5 mW, cw, focussable, APC, 5 VDC, Ø12 x 37 mm, USB-C connector | | NEW | | 23,20 | 24,69 |
| CW635-10, 635 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | | | | 25,70 | 27,35 |
| CW635-10C, 635 nm, 10 mW, cw, focussable, APC, 5 VDC, Ø12 x 37 mm, USB-C connector | | NEW | | 29,70 | 31,61 |
| LJ series RED 635 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | Automatic Power Control (APC) Focusable Single Element Acryl Lens Modulation Option available 635 nm | | | | |
| LDM635/1LJ, 635 nm, 1 mW, focusable, 3-5 V, Ø12 x 30.5 mm | | | | 31,80 | 33,85 |
| LDM635/3LJ, 635 nm, 3 mW, focusable, 3-5 V, Ø12 x 30.5 mm | | | | 35,60 | 37,89 |
| LDM635/5LJ, 635 nm, 5 mW, focusable, 3-5 V, Ø12 x 30.5 mm | | | | 37,60 | 40,02 |
| Modulable LDM635/1LJM, 635 nm, 1 mW, focusable, 3-5 V, Ø12 x 30.5 mm, modulable | | | | 28,00 | 29,80 |
| LDM635/5LJM, 635 nm, 5 mW, focusable, 3-5 V, Ø12 x 30.5 mm, modulable | | | | 38,90 | 41,40 |
| LT series RED 635 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | Automatic Power Control (APC) Focusable 3 Element Glass Lens Excellent Beam Quality Modulation Option available 635 nm | | | | |
| LDM635/1LT, 635 nm, 1 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm | | | | 48,20 | 51,30 |
| LDM635/1LTF, 635 nm, 1 mW, fixfocus, glass lens, 4-6V, Ø13 x 52 mm | | | | 31,00 | 33,00 |
| LDM635/3LT, 635 nm, 3 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm | | | | 32,40 | 34,49 |
| LDM635/5LT, 635 nm, 5 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm | | | | 52,00 | 55,35 |
| Modulable LDM635/5LTM, 635 nm, 5 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm, modulable | | | | 60,00 | 63,86 |


| APCD-02 Series RED 635 nm | | Status | MOQ | EUR / pc | USD / pc |
|--|--|--------|-----|----------|----------|
|  | Compact Size Ø 6.0 mm x 11 mm Brass Body APC Driver integrated Focusable Acryl Lens 3 VDC Supply Voltage | | | | |
| APCD-635-02-C2, 635 nm, <1 mW, laser class II, focusable, Ø6.0 x 11 mm | | | | 9,33 | 9,93 |
| APCD-635-02-C3, 635 nm, <3 mW, focusable, Ø6.0 x 11 mm | | | | 9,33 | 9,93 |
| LM-101-C4 RED 635 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | Low Cost General Purpose Module APC Driver Fix Focus Acryl Lens 3 VDC Supply Voltage | | | | |
| LM-101-C4, 635 nm, <1 mW, TUV, 3.0 VDC, Ø8 x 24 mm | | | | 6,35 | 6,76 |
| RLD series RED 635 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | RLD red laser diode module series - single mode - focusable glass lens 635 nm | | | | |
| RLDC635-2.2-3-LI, 635 nm, typ. 2.5 mW, focusable, 3 VDC, wires only, Ø8 x 25.0 mm | | | | 29,90 | 31,82 |
| RLDE635-10-3, 635 nm, 10 mW, SM, focusable, 3 VDC, Ø14 x 45 mm | | | | 53,00 | 56,41 |
| Modulable | | | | | |
| RLDH635M-4-5, 635 nm, 4 mW, APC, TTL <500 kHz, focusable, 5 VDC, Ø12 x 34 mm | | | | 31,00 | 33,00 |
| LDM635 RED 635 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | LDM635-03-05x25 low cost laser diode module for general purposes, 635 nm, < 3 mW | | | | |
| LDM635-03-08X25, 635 nm, <3 mW, fixfocus, 3.0 VDC, Ø8 x 25 mm | | | | 8,10 | 8,62 |

LASER MODULES - RED 650 nm


| CW series RED 650 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|-------------|
|  | RED Diode laser modules Automatic Power Control (APC) Cinch or USB-C Connector Focusable Power Supply + Holder available | | | | |
| CW650-01, 650 nm, <1 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | | | | 15,30 | 16,28 |
| CW650-01C, 650 nm, <1 mW, cw, focussable, APC, 5 VDC, Ø12 x 37 mm, USB-C connector | | | | NEW | 19,50 20,76 |
| CW650-05, 650 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | | | | 16,50 | 17,56 |
| CW650-05C, 650 nm, <5 mW, cw, focussable, APC, 5 VDC, Ø12 x 37 mm, USB-C connector | | | | NEW | 20,80 22,14 |
| CW650-10, 650 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | | | | 22,90 | 24,37 |
| CW650-10C, 650 nm, 10 mW, cw, focussable, APC, 5 VDC, Ø12 x 37 mm, USB-C connector | | | | NEW | 27,30 29,06 |
| LJ series RED 650 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | Automatic Power Control (APC) Focusable Single Element Acryl Lens Modulation Option available 650 nm | | | | |
| LDM650/1LJ, 650 nm, 1 mW, focusable, 3-5 V, Ø12 x 30.5 mm | | | | 22,00 | 23,42 |
| LDM650/3LJ, 650 nm, 3 mW, focusable, 3-5 V, Ø12 x 30.5 mm | | | | 24,00 | 25,54 |
| LDM650/5LJ, 650 nm, 5 mW, focusable, 3-5 V, Ø12 x 30.5 mm | | | | 25,90 | 27,57 |
| Modulable | | | | | |
| LDM650/1LJM, 650 nm, 1 mW, focusable, 3-5 V, Ø12 x 30.5 mm, modulable | | | | 24,00 | 25,54 |
| LDM650/5LJM, 650 nm, 5 mW, focusable, 3-5 V, Ø12 x 30.5 mm, modulable | | | | 29,00 | 30,87 |

| LT series RED 650 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>Automatic Power Control (APC) Focusable 3 Element Glass Lens Excellent Beam Quality Modulation Option available</p> <p>650 nm</p> | | | | |
| LDM650/1LT, 650 nm, 1 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm | | | 42,00 | 44,70 |
| LDM650/3LT, 650 nm, 3 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm | | | 31,30 | 33,31 |
| LDM650/5LT, 650 nm, 5 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm | | | 39,00 | 41,51 |
| Modulable | | | | |
| LDM650/5LTM, 650 nm, 5 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm, modulable | | | 40,00 | 42,57 |
| APCD-01 series RED 650 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>Compact Size Ø 4.0 mm x 9.1 mm Brass Body</p> <ul style="list-style-type: none"> APC Driver integrated Fixfocus Acryl Lens 3 VDC Supply Voltage | | | | |
| APCD-650-01-C2, 650 nm, <1 mW, laser class II, lop <35 mA, fixfocus, Ø4.0 x 9.1 mm | | | 8,33 | 8,87 |
| APCD-650-01-C3, 650 nm, <3 mW, lop <35 mA, fixfocus, Ø4.0 x 9.1 mm | | | 8,33 | 8,87 |
| APCD-02 series RED 650 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>Compact Size Ø 6.0 mm x 11 mm Brass Body</p> <ul style="list-style-type: none"> APC Driver integrated Focusable Acryl Lens 3 VDC Supply Voltage | | | | |
| APCD-650-02-C2, 650 nm, <1 mW, laser class II, focusable, Ø6.0 x 11 mm | | | 8,63 | 9,19 |
| APCD-650-02-C3, 650 nm, <3 mW, focusable, Ø6.0 x 11 mm | | | 8,63 | 9,19 |
| APCD-06 series RED 650 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>Compact Size Ø 6.5 mm x 9.0 mm Aryl Body</p> <ul style="list-style-type: none"> APC Driver integrated Fixfocus Embedded Lens 3 VDC Supply Voltage <p>650 nm</p> | | | | |
| APCD-650-06-C2, 650 nm, <1 mW, laser class II, lop <35 mA, fixfocus, Ø6.5 x 9.0 mm | | | 6,49 | 6,91 |
| APCD-650-06-C3, 650 nm, <3 mW, lop <35 mA, fixfocus, Ø6.5 x 9.0 mm | | | 6,49 | 6,91 |
| APCD-07 series RED 650 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>ULTRA Compact Size Ø 3.3 mm x 8.0 mm Brass Body</p> <ul style="list-style-type: none"> APC Driver integrated Fixfocus Acryl Lens 3 VDC Supply Voltage | | | | |
| APCD-650-07-C2, 650 nm, <1 mW, laser class II, lop <35 mA, fixfocus, Ø3.3 x 8.0 mm | | | 8,80 | 9,37 |
| APCD-650-07-C3, 650 nm, <3 mW, lop <35 mA, fixfocus, Ø3.3 x 8.0 mm | | | 8,80 | 9,37 |
| LM-101-A16 RED 650 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>low cost red laser module series, for general purpose input voltage 3-5 VDC, Po <1 mW, 9 x 26 mm</p> <p>Laser class II</p> <p>650 nm</p> | | | | |
| LM-101-A16, 650 nm, <1 mW, Laser Class II, fixfocus, 3-5 VDC, Ø9 x 26 mm | | | 8,48 | 9,03 |
| LM-101-A16F, 650 nm, <1 mW, Laser Class II, focusable, 3-5 VDC, Ø9 x 26 mm | | | 8,48 | 9,03 |
| LM-10x RED 650 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>low cost red laser module series, for general purpose power typ <1 mW or <5 mW, custom design on request</p> <p>650 nm</p> | | | | |
| LM-101-A4, 650 nm, <1 mW, TUV, 3.0 VDC, Ø8 x 24 mm | | | 6,20 | 6,60 |
| LM-102-B004, 650 nm, <5 mW, FDA, 3.0 VDC, Ø8 x 24 mm | | | 8,60 | 9,15 |




| DT650-2.5-3 RED 650 nm | | Status | MOQ | EUR / pc | USD / pc | |
|--|---|--------|-----|----------|----------|--------|
|  | low cost laser diode module for general purposes, visible wavelength 650 nm | | | | | |
| DT650-2.5-3, 650 nm, 3 mW, focusable, 3.0 VDC, Ø10.5 x 28 mm | | | | 6,89 | 7,33 | |
| VLM650 series RED 650 nm | | Status | MOQ | EUR / pc | USD / pc | |
|  | Special purpose laser modules VLMxxx-yy-LPT: <1 mW VLMxxx-yy-LPA: <5 mW 650 nm | | | | | |
| VLM650-00, 650 nm, <3 mW, fixfocus, w/o driver board, Ø10.52 x 17.20 mm | | | | 25,40 | 27,03 | |
| VLM650-01-LPA, 650 nm, <5 mW, fixfocus, Ø10.4 x 18.5 mm | | | | 28,70 | 30,55 | |
| VLM650-02-LPA, 650 nm, <5 mW, fixfocus, Ø10.5 x 17.2 mm | | | | 27,20 | 28,95 | |
| VLM650-03-LPT, 650 nm, <1 mW, fixfocus, Ø7.0 x 22.5 mm | | | | 23,50 | 25,01 | |
| VLM650-04-LPT, 650 nm, <1 mW, fixfocus, Ø6.55 x 12.10 mm | | | | 50 pcs. | 15,90 | 16,92 |
| VLM650-06-LPA, 650 nm, <5 mW, fixfocus, Ø12.5 x 53.0 mm | | | | 60,00 | 63,86 | |
| VLM650-07-LPA, 650 nm, <5 mW, fixfocus, Ø12.5 x 53.0 mm | | | | 61,00 | 64,93 | |
| VLM650-08-LPA, 650 nm, <5 mW, fixfocus, Ø10.51 x 24.6 mm | | | | 17,50 | 18,63 | |
| VLM650-09-LPA, 650 nm, <5 mW, fixfocus, Ø10.51 x 31.0 mm | | | | 17,50 | 18,63 | |
| VLM650-11-LPA, 650 nm, <5 mW, fixfocus, Ø10.52 x 30.00 mm | | | | 26,30 | 27,99 | |
| VLM650-14-LPA, 650 nm, <5 mW, fixfocus, Ø12.00 x 43.0 mm | | | | 43,75 | 46,57 | |
| VLM650-15-LPA, 650 nm, <5 mW, fixfocus, Ø12.00 x 30.0 mm | | | | 43,75 | 46,57 | |
| VLM650-16-LPT, 650 nm, <1 mW, fixfocus, Ø8.50 x 24.5 mm | | | | 27,00 | 28,74 | |
| VLM650-16-LPA, 650 nm, <5 mW, fixfocus, Ø8.50 x 24.5 mm | | | | 62,30 | 66,31 | |
| VLM650-17-LPT, 650 nm, <1 mW, fixfocus, Ø12.00 x 30.0 mm | | | | 28,80 | 30,65 | |
| VLM650-17-LPA, 650 nm, <5 mW, fixfocus, Ø12.00 x 30.0 mm | | | | 28,80 | 30,65 | |
| RLD series RED 650 - 660 nm | | Status | MOQ | EUR / pc | USD / pc | |
|  | RLD red laser diode modules - single mode - focusable glass lens - TTL modulation option - up to 70mW | | | | | |
| RLDG650-13-3-LI, 655 nm, 13 mW, SM, focusable, 3 VDC, wires only, Ø14 x 45 mm | | | | 26,00 | 27,67 | |
| RLDH650-24-3, 655 nm, 24 mW, SM, focusable, 3 VDC, Ø14 x 45 mm | | | | 76,00 | 80,89 | |
| RLDH650-24-3-LI, 655 nm, 24 mW, SM, focusable, 3 VDC, wires only, Ø14 x 45 mm | | | | 76,00 | 80,89 | |
| RLDH660-40-3, 660 nm, 40 mW, SM, focusable, 3 VDC, Ø16 x 50 mm | | | | 136,00 | 144,75 | |
| RLDH660-70-3, 660 nm, 70 mW, SM, focusable, 3 VDC, Ø22 x 65 mm | | | | 142,00 | 151,14 | |
| Modulable | | | | | | |
| RLDH650M-4-5, 650 nm, 4 mW, APC, TTL <500 kHz, focusable, 5 VDC, Ø12 x 34 mm | | | | 26,50 | 28,21 | |
| RLDH650M-24-5, 650 nm, 24 mW, ACC, TTL <200 kHz, focusable, 5 VDC, Ø14 x 45 mm | | | | 75,00 | 79,83 | |
| RLDH650M-40-5, 650 nm, 40 mW, ACC, TTL <50 kHz, focusable, 5 VDC, Ø16 x 50 mm | | | | 118,00 | 125,59 | |
| RLD Micro series RED 650 - 670 nm | | Status | MOQ | EUR / pc | USD / pc | |
|  | very small size 8 x 27.5 mm - focusable glass collimator - power supply 3 VDC 650, 670 nm | | | | | |
| RLDG650-1-3-LI, 650 nm, 1 mW, APC, 0.8 mrad, fixed focus, 50 mA, 3 VDC, wires only, Ø7 x 14 mm | | | | 6,50 | 6,92 | |
| RLDC650-2.2-3, 650 nm, typ. 2 mW, focusable, 3 VDC, Ø8 x 25.0 mm | | | | 16,00 | 17,03 | |
| RLDC670-2.2-3-LI, 670 nm, typ. 2 mW, focusable, 3 VDC, wires only, Ø8 x 25 mm | | | | 20,15 | 21,45 | |
| LDM-1A RED 670 nm | | Status | MOQ | EUR / pc | USD / pc | |
|  | Micro laser diode module series - PCB mountable - focussable (100µm spotsize) - divergence < 1 mrad 670 nm | | | | | |
| LDM-1A, 670 nm, <1 mW, FDA, 3-6 VDC, 13 x 13 x 10 mm | | | | 5 pcs. | 335,00 | 356,56 |

| OEM series RED | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>low cost general purpose laser diode modules PHASE OUT</p> | | | | |
| LM-01, 650 nm, <3 mW, dot, fixfocus, 3.0 VDC, Ø8 x 29.5 mm | EOL | | 3,50 | 3,73 |
| LM-02, 650 nm, <3 mW, dot, fixfocus, 3.0 VDC, Ø12 x 30.5 mm | EOL | | 3,50 | 3,73 |
| RLM-650-A-1, 650 nm, 1-2 mW, 3.0-4.5 VDC, Ø10 x 26.5 mm | EOL | | 5,83 | 6,21 |
| RLM-635-A-3, 635 nm, typ. 3..5 mW, 3.0-4.5 VDC, Ø10 x 26.5 mm | EOL | | 13,78 | 14,67 |
| RLM-635-B-1, 635 nm, <1 mW, 3.0-4.5 VDC, Ø8 x 23.5 mm | EOL | | 13,78 | 14,67 |


LASER MODULES - RED BEAM EXPANDER

| RLE series RED | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>expanded beam laser diode module series for extreme target distances</p> <p>635, 650 nm</p> | | | | |
| RLE635-1-3-8, 635 nm, 1 mW, SM, Ø8 mm beam aperture, round beam, 3 VDC | | | 76,00 | 80,89 |
| RLE635-2-3-8, 635 nm, 2 mW, SM, Ø8 mm beam aperture, round beam, 3 VDC | | | 93,00 | 98,99 |
| RLE635-2-3-20, 635 nm, 2 mW, SM, Ø20 mm beam aperture, round beam, 3 VDC | | | 112,00 | 119,21 |
| RLE650-1-3-8, 650 nm, 1 mW, SM, Ø8 mm beam aperture, square beam, 3 VDC | | | 64,00 | 68,12 |
| RLE650-8-3-20, 650 nm, 8 mW, SM, Ø20 mm beam aperture, square beam, 3 VDC | | | 134,00 | 142,62 |
| RLE650-8-5-30, 650 nm, 8 mW, SM, Ø30 mm beam aperture, square beam, 5 VDC | | | 169,00 | 179,88 |

LASER MODULES - RED LINE

| RLCW series RED | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>Red focusable line laser modules</p> <ul style="list-style-type: none"> - APC (automatic power control) - Focusable - 90° line, cylinder lens - wide operating temperature (-10..+60°C) <p>635 + 650 nm</p> | | | | |
| RLCW635FL-5-3, 635 nm, 5 mW, line, 0.4 mrad, focusable, 3 VDC, Ø16 x 65 mm | NEW | | 71,43 | 76,03 |
| RLCW650FL-5-3, 655 nm, 5 mW, line, 0.4 mrad, focusable, 3 VDC, Ø16 x 65 mm | NEW | | 65,70 | 69,93 |
| LM-101-A102 RED | Status | MOQ | EUR / pc | USD / pc |
|  <p>low cost, red line laser module, for general purpose. Input voltage 3-5 VDC, Po <1 mW, 60° acrylic line generating lens, 9 x 30 mm</p> <p>Laser class II</p> | | | | |
| LM-101-A102, 650 nm, <1 mW, line, Laser Class II, 3-5 VDC, Ø9 x 30 mm | | | 8,48 | 9,03 |
| RLL series RED | Status | MOQ | EUR / pc | USD / pc |
|  <p>high power line laser module uses cylindrical glass lens</p> | | | | |
| RLLI635-2.5-3, 635 nm, 2.5 mW, typ. 100° line, 3 VDC, with connector, Ø8 x 25.5 mm | | | 28,00 | 29,80 |
| RLLI635-2.5-3-LI, 635 nm, 2.5 mW, typ. 100° line, 3 VDC, wires only, Ø8 x 25.5 mm | | | 28,00 | 29,80 |
| RLLH635-4-3-LI, 635 nm, 4 mW, typ. 100° line, 3 VDC, wires only, Ø12 x 32 mm | | | 40,00 | 42,57 |
| RLLH635-4-5, 635 nm, 4 mW, typ. 100° line, 5 VDC, Ø12 x 32 mm | | | 40,00 | 42,57 |
| RLLH635-4-5-LI, 635 nm, 4 mW, typ. 100° line, 5 VDC, wires only, Ø12 x 32 mm | | | 40,00 | 42,57 |
| RLLI650-1-3-LI, 655 nm, <1 mW, 100° line, 3 VDC, wires only, Ø8 x 25.5 mm | | | 25,00 | 26,61 |
| RLLH650-16-3, 650 nm, 16 mW, typ. 100° line, 3 VDC, Ø14 x 45 mm | | | 83,00 | 88,34 |
| RLLH650-24-3, 650 nm, 24 mW, typ. 100° line, 3 VDC, Ø14 x 49 mm | | | 146,00 | 155,40 |





LASER MODULES - RED CROSS LINE



| RLCB series RED | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>cross line laser module uses two 90° twisted cylindrical glass lenses APC (automatic power control)</p> | | | | |
| RLCB635-2.5-3, 635 nm, 2.5 mW, cross line, fixed focus, 3 VDC, Ø16 x 45 mm | | | 40,00 | 42,57 |
| RLCB635-5-5, 635 nm, 5 mW, cross line, fixed focus, 5 VDC, Ø16 x 45 mm | | | 49,00 | 52,15 |

LASER MODULES - RED 360° LINE




| TN360 series RED | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>High power 360° line laser module Compact size laser module with 360° line projection through a polished cone mirror. Working distance. 5m</p> | | | | |
| TN360-6450, 638 nm, 50 mW, 360° line, 3-5 VDC, Ø13(20) x 35 mm | | | 35,40 | 37,68 |

LASER MODULES - 780 nm


| CW series INFRARED 780 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>Diode laser modules Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p> | | | | |
| CW780-005, 780 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 37,90 | 40,34 |
| CW780-010, 780 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 41,10 | 43,75 |
| CW780-050, 780 nm, 50 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 53,30 | 56,73 |
| APCD 01 series INFRARED 780 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>Compact Size Ø 4.0 mm x 9.1 mm Brass Body APC Driver integrated Fixfocus Acryl Lens 3 VDC Supply Voltage</p> | | | | |
| APCD-780-01-C2, 780 nm, <1 mW, lop <35 mA, fixfocus, Ø4.0 x 9.1 mm | | | 17,50 | 18,63 |
| APCD-780-01-C3, 780 nm, <3 mW, lop <35 mA, fixfocus, Ø4.0 x 9.1 mm | | | 17,50 | 18,63 |
| APCD 06 series INFRARED 780 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>Compact Size Ø 6.5 mm x 9.0 mm Aryl Body APC Driver integrated Fixfocus Embedded Lens 3 VDC Supply Voltage</p> <p>780 nm</p> | | | | |
| APCD-780-06-C2, 780 nm, <1 mW, lop <35 mA, fixfocus, Ø6.5 x 9.0 mm | | | 15,00 | 15,97 |
| APCD-780-06-C3, 780 nm, <3 mW, lop <35 mA, fixfocus, Ø6.5 x 9.0 mm | | | 15,00 | 15,97 |
| APCD 07 series INFRARED 780 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>ULTRA Compact Size Ø 3.3 mm x 8.0 mm Brass Body APC Driver integrated Fixfocus Acryl Lens 3 VDC Supply Voltage</p> <p>780 nm</p> | | | | |
| APCD-780-07-C2, 780 nm, <1 mW, lop <35 mA, fixfocus, Ø3.3 x 8.0 mm | | | 17,50 | 18,63 |
| APCD-780-07-C3, 780 nm, <3 mW, lop <35 mA, fixfocus, Ø3.3 x 8.0 mm | | | 17,50 | 18,63 |

| LDM780-03 INFRARED 780 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>LDM780-03-11x30 low cost infrared laser diode module for general purpose</p> <p>780 nm</p> | | | | |
| LDM780-03-11X20, 780 nm, 3 mW, 3.0 VDC, Ø11 x 20 mm | | | 7,95 | 8,46 |
| RLD series INFRARED 780 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>infrared laser diode module series focusable glass lens - up to 4000 mW</p> <p>780 nm</p> | | | | |
| RLDC780-2-3-LI, 780 nm, 2 mW, SM, focusable, glass optic, 3 VDC, wires only, Ø14 x 43 mm | | | 24,00 | 25,54 |
| RLDB780-30-3, 780 nm, 30 mW, focusable, glass optic, 3 VDC, Ø16 x 48 mm | | | 63,00 | 67,05 |


LASER MODULES - 808 nm


| CW series INFRARED 808 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>Diode laser modules</p> <p>Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p> | | | | |
| CW808-005, 808 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 19,70 | 20,97 |
| CW808-010, 808 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 21,40 | 22,78 |
| CW808-050, 808 nm, 50 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 31,40 | 33,42 |
| CW808-100, 808 nm, 100 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 33,90 | 36,08 |
| LDM808/3LJ INFRARED 808 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>LJ series laser diode module complete and ready to use, focusable single element aspheric acrylic collimator optic, diverse wavelengths available</p> <p>808 nm</p> | | | | |
| LDM808/3LJ, 808 nm, 3 mW, focusable, 3-6 V, Ø12 x 30.5 mm | | | 26,70 | 28,42 |
| RLD series INFRARED 808 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>infrared laser diode module series focusable glass lens - up to 4000 mW</p> <p>808 nm</p> | | | | |
| RLDB808-120-3, 808 nm, 120 mW, focusable, 3 VDC, Ø22 x 65 mm | | | 35,00 | 37,25 |
| RLDH808-120-3, 808 nm, 120 mW, focusable, 3 VDC, with connector, Ø22 x 65 mm | | | 39,00 | 41,51 |
| RLDB808-150-3, 808 nm, 150 mW, focusable, 3 VDC, Ø22 x 65 mm | | | 68,00 | 72,38 |
| RLDB808-200-3, 808 nm, 200 mW, focusable, 3 VDC, with connector, Ø22 x 65 mm | | | 72,00 | 76,63 |
| RLDB808-200-3-LI, 808 nm, 200 mW, focusable 3 VDC, wires only, Ø22 x 65 mm | | | 72,00 | 76,63 |
| RLDB808-300-3, 808 nm, 300 mW, focusable, 3 VDC, Ø22 x 65 mm | | | 78,00 | 83,02 |
| RLDB808-350-3, 808 nm, 350 mW, focusable, 3 VDC, Ø22 x 65 mm | | | 82,00 | 87,28 |
| RLDB808-500-5, 808 nm, 500 mW, focusable, 5 VDC, Ø45 x 120 mm | | | 88,00 | 93,66 |
| RLDH808-1200-5, 808 nm, 1.2 W, focusable, 5 VDC, 444 g, Ø45 x 100 mm | | | 277,40 | 295,25 |
| RLDH808-4000-5, 808 nm, 4.0 W, focusable, 5 VDC, 1.2 kg, 60 x 110 mm | | | 990,00 | 1.053,72 |
| Modulable | | | | |
| RLDH808M-120-5, 808 nm, 120 mW, APC, TTL <5 kHz, focusable, 5 VDC, Ø22 x 65 mm | | | 48,00 | 51,09 |
| RLDH808M-350-5, 808 nm, 350 mW, APC, TTL <5 kHz, focusable, 5 VDC, Ø22 x 65 mm | | | 74,00 | 78,76 |


LASER MODULES - 808 nm LINE

| RLLH808-350-3 INFRARED 808 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>Infrared line laser module - APC (automatic power control) - 90° line, cylinder lens - 350 mW</p> <p>808 nm</p> | | | | |
| RLLH808-350-3, 808 nm, 350 mW, APC, line, fixed focus, 3 VDC, Ø22 x 70 mm | | | 76,00 | 80,89 |


LASER MODULES - 830 nm

| CW series INFRARED 830 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>Diode laser modules</p> <p>Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p> | | | | |
| CW830-005, 830 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 20,90 | 22,25 |
| CW830-010, 830 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 24,10 | 25,65 |
| CW830-020, 830 nm, 20 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 33,30 | 35,44 |

| RLD series INFRARED 830 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>infrared laser diode module series focusable glass lens - up to 120 mW</p> <p>830 nm</p> | | | | |
| RLDH830-3-3, 830 nm, 3 mW, focusable, ARC glass collimator, 3 VDC, connector plug, Ø12 x 34.5 mm | | | 22,00 | 23,42 |
| RLDH830-3-3-LI, 830 nm, 3 mW, focusable, ARC glass collimator, 3 VDC, wires only, Ø12 x 34.5 mm | | | 22,00 | 23,42 |
| RLDH830-30-3, 830 nm, 30 mW, focusable, ARC glass collimator, 3 VDC, Ø14 x 43 mm | | | 35,00 | 37,25 |
| RLDH830-120-3, 830 nm, 120 mW, focusable, ARC glass collimator, 3 VDC, Ø22 x 65 mm | | | 96,80 | 103,03 |


| LM-102-H002 INFRARED 830 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>low cost, infrared laser diode module, focusable, output power typ. < 3 mW</p> <p>830 nm</p> | | | | |
| LM-102-H002, 830 nm, <3 mW, focusable, 3.0 VDC, Ø9.8 x 26 mm | | | o.r. | o.r. |

LASER MODULES - 830 nm LINE



| RLLH830-30-3 INFRARED 808 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>Infrared line laser modules - APC (automatic power control) - 90° line, cylinder lens - 30 mW</p> <p>830 nm</p> | | | | |
| RLLH830-30-3, 830 nm, 30 mW, APC, line, fixed focus, 3 VDC, Ø14 x 45 mm | | | 79,00 | 84,08 |

LASER MODULES - 850 nm


| CW series INFRARED 850 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | <p>Diode laser modules</p> <p>Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p> | | | | |
| CW850-005, 850 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | | NEW | | 26,20 | 27,89 |
| CW850-010, 850 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | | NEW | | 31,40 | 33,42 |
| CW850-020, 850 nm, 20 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | | NEW | | 44,00 | 46,83 |
| APCD 01 series INFRARED 850 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>Compact Size Ø 4.0 mm x 9.1 mm Brass Body</p> <p> APC Driver integrated Fixfocus Acryl Lens 3 VDC Supply Voltage</p> | | | | |
| APCD-850-01-C2, 850 nm, <1 mW, lpp <40 mA, fixfocus, Ø4.0 x 9.1 mm | | | | 39,90 | 42,47 |
| APCD-850-01-C3, 850 nm, <3 mW, lpp <40 mA, fixfocus, Ø4.0 x 9.1 mm | | | | 39,90 | 42,47 |
| APCD 06 series INFRARED 850 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>Compact Size Ø 6.5 mm x 9.0 mm Aryl Body</p> <p> APC Driver integrated Fixfocus Embedded Lens 3 VDC Supply Voltage</p> <p>850 nm</p> | | | | |
| APCD-850-06-C2, 850 nm, <1 mW, lpp <40 mA, fixfocus, Ø6.5 x 9.0 mm | | | | 26,10 | 27,78 |
| APCD-850-06-C3, 850 nm, <3 mW, lpp <40 mA, fixfocus, Ø6.5 x 9.0 mm | | | | 26,10 | 27,78 |
| APCD 07 series INFRARED 850 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>ULTRA Compact Size Ø 3.3 mm x 8.0 mm Brass Body</p> <p> APC Driver integrated Fixfocus Acryl Lens 3 VDC Supply Voltage</p> <p>850 nm</p> | | | | |
| APCD-850-07-C2, 850 nm, <1 mW, lpp <40 mA, fixfocus, Ø3.3 x 8.0 mm | | | | 19,80 | 21,07 |
| APCD-850-07-C3, 850 nm, <3 mW, lpp <40 mA, fixfocus, Ø3.3 x 8.0 mm | | | | 19,80 | 21,07 |
| LDM850/3LJ INFRARED 850 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>LJ series laser diode module complete and ready to use, focusable single element aspheric acrylic collimator optic, diverse wavelengths available</p> <p>850 nm</p> | | | | |
| LDM850/3LJ, 850 nm, 3 mW, focusable, 3-6 V, Ø12 x 30.5 mm | | | | 39,28 | 41,81 |
| LDM850/5LT INFRARED 850 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>Automatic Power Control (APC) Focusable 3 Element Glass Lens Excellent Beam Quality Modulation Option available</p> <p>850 nm</p> | | | | |
| LDM850/5LT, 850 nm, 5 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm | | | | 39,90 | 42,47 |
| RLDC850-2-3-LI INFRARED 850 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>very small size 8 x 27.5 mm - focusable glass collimator - power supply 3 VDC</p> <p>850 nm</p> | | | | |
| RLDC850-2-3-LI, 850 nm, typ. 2 mW, focusable, 3 VDC, Ø8 x 27.5 mm | | | | 30,00 | 31,93 |

| RLD series INFRARED 850 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>infrared laser diode module series focusable glass lens - up to 4000 mW</p> <p>850 nm</p> | | | | |
| DT850-30-3, 850 nm, 30 mW, focusable, 3 VDC, Ø12 x 34.5 mm | | | 109,60 | 116,65 |
| RLDH850-40-3, 850 nm, 40 mW, APC, focusable, 3 VDC, Ø22 x 65 mm | | | 96,00 | 102,18 |
| Modulable | | | | |
| RLDH850M-40-5, 850 nm, 40 mW, APC, TTL <10 kHz, focusable, 5 VDC, Ø22 x 65 mm | | | 108,00 | 114,95 |


LASER MODULES - 880 nm

| CW series INFRARED 880 nm | Status | MOQ | EUR / pc | USD / pc |
|---|---------------|------------|-----------------|-----------------|
|  <p>Diode laser modules</p> <p>Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p> | | | | |
| CW880-005, 880 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 49,60 | 52,79 |
| LM-10 series INFRARED 880 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>low cost, infrared laser diode module, focusable, output power typ. < 3 mW up to < 26 mW</p> <p>880 nm</p> | | | | |
| LM-104-E002, 880 nm, <3 mW, focusable, 3.0 VDC, Ø9.8 x 26 mm | | | 44,90 | 47,79 |
| LM-104-E130, 880 nm, <6 mW, focusable, 3.0 VDC, Ø9.8 x 26 mm | | | 44,90 | 47,79 |




LASER MODULES - 905 nm

| CW series INFRARED 905 nm | Status | MOQ | EUR / pc | USD / pc |
|---|------------|-----|----------|----------|
|  <p>Diode laser modules</p> <p>Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p> | | | | |
| CW905-005, 905 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 98,60 | 104,95 |
| CW905-010, 905 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 111,40 | 118,57 |
| CW905-050, 905 nm, 50 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 137,10 | 145,92 |


LASER MODULES - 940 nm


| CW series INFRARED 940 nm | Status | MOQ | EUR / pc | USD / pc |
|---|------------|-----|----------|----------|
|  <p>Diode laser modules</p> <p>Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p> | | | | |
| CW940-005, 940 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 83,20 | 88,55 |
| CW940-010, 940 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 93,90 | 99,94 |
| CW940-030, 940 nm, 30 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 108,60 | 115,59 |


LASER MODULES - 980 nm

| CW series INFRARED 980 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>Diode laser modules Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p> | | | | |
| CW980-005, 980 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 23,80 | 25,33 |
| CW980-010, 980 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 28,60 | 30,44 |
| CW980-050, 980 nm, 50 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 34,30 | 36,51 |
| CW980-100, 980 nm, 100 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 46,70 | 49,71 |
| RLD series INFRARED 980 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>infrared laser diode module series focusable glass lens - up to 200 mW 980 nm</p> | | | | |
| RLDH980-70-3, 980 nm, 70 mW, focusable, 3 VDC, Ø22 x 65 mm | | | 58,00 | 61,73 |
| RLDB980-120-3, 980 nm, 120 mW, focusable, 3 VDC, with connector, Ø22 x 65 mm | | | 62,00 | 65,99 |
| RLDB980-120-3-LI, 980 nm, 120 mW, focusable, 3 VDC, wires only, Ø22 x 65 mm | | | 62,00 | 65,99 |
| RLDH980-120-3, 980 nm, 120 mW, focusable, 3 VDC, Ø22 x 65 mm | | | 62,00 | 65,99 |
| RLDH980-160-3, 980 nm, 160 mW, focusable, 3 VDC, Ø22 x 65 mm | | | 66,00 | 70,25 |
| RLDH980-200-3, 980 nm, 200 mW, focusable, 3 VDC, Ø22 x 65 mm | | | 68,00 | 72,38 |
| C2021 series INFRARED 980 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>infrared laser diode module series for general purposes 980 nm</p> | | | | |
| C2021-B1, 980 nm, 10..20 mW, focusable, 3 VDC, wires only, Ø10.5 x 20 mm | | | 54,54 | 58,05 |
| C2021-C1, 980 nm, 20..35 mW, focusable, 3 VDC, wires only, Ø10.5 x 20 mm | | | 66,66 | 70,95 |
| LDM980/25LT INFRARED 980 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>Automatic Power Control (APC) Focusable 3 Element Glass Lens Excellent Beam Quality Modulation Option available 980 nm</p> | | | | |
| LDM980/25LT, 980 nm, 25 mW, focusable, glass lens, 4-6V, Ø13 x 52 mm | | | 51,90 | 55,24 |
| LM-106-G130 INFRARED 980 nm | Status | MOQ | EUR / pc | USD / pc |
|  <p>low cost, infrared laser diode module, focusable 980 nm</p> | | | | |
| LM-106-G130, 980 nm, <26 mW, focusable, 3.0 VDC, Ø9.8 x 26 mm | | | 19,90 | 21,18 |


LASER MODULES - 1064 nm

| CW series INFRARED 1064 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>INFRARED Diode pumped solid state (DPSS) laser modules Automatic Power Control (APC) Power Supply + Holder available 1064 nm</p> | | | | |
| CW1064-01, 1064 nm, <1 mW, cw, APC, 0.8 mrad 3.0 VDC, Ø12 x 31 (49) mm | | | 124,90 | 132,94 |
| CW1064-05, 1064 nm, <5 mW, cw, APC, 0.8 mrad 3.0 VDC, Ø12 x 31 (49) mm | | | 124,90 | 132,94 |


| CW1064H series INFRARED 1064 nm | | Status | MOQ | EUR / pc | USD / pc |
|--|---|--------|-----|----------|----------|
|  <p>INFRARED DPSS laser modules</p> <p>Automatic Power Control (APC) 3 VDC Heat Sink recommended TTL modulation available</p> <p>1064 nm</p> | CW1064H-100, 1064 nm, 100 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 379,00 | 403,39 |
| | CW1064H-300, 1064 nm, 300 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 482,00 | 513,02 |
| | CW1064H-500, 1064 nm, 500 mW, 1.5 mrad, cw, Ø26 x 100 mm, 3.0 VDC | | | 608,00 | 647,13 |
| | Heat Sink | | | | |
| CWH-HSTEC5, Heat sink for CW-H series, TEC control, 100x62x76mm, 5VDC | | | | 152,00 | 161,78 |

| PIL-VI series INFRARED 1064 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  <p>solid state cw infrared laser modules, 5 VDC separate driver unit cooling necessary! --> heat sink available</p> | PIL-VI-1064-1, DPSS, 1064 nm, 1 mW, cw, 5 VDC, Ø12 x 40 mm | | | 271,43 | 288,90 |
| | PIL-VI-1064-3, DPSS, 1064 nm, 3 mW, cw, 5 VDC, Ø12 x 40 mm | | | 314,29 | 334,52 |
| | PIL-VI-1064-5, DPSS, 1064 nm, 5 mW, cw, 5 VDC, Ø12 x 40 mm | | | 314,29 | 334,52 |
| | PIL-VI-1064-10, DPSS, 1064 nm, 10 mW, cw, 5 VDC, Ø12 x 40 mm | | | 342,86 | 364,93 |
| | PIL-VI-1064-20, DPSS, 1064 nm, 20 mW, cw, 5 VDC, Ø12 x 40 mm | | | 371,43 | 395,34 |
| | PIL-VI-1064-50, DPSS, 1064 nm, 50 mW, cw, 5 VDC, Ø12 x 40 mm | | | 616,00 | 655,65 |
| | PIL-VI-1064-100, DPSS, 1064 nm, 100 mW, cw, 5 VDC, Ø12 x 40 mm | | | 471,43 | 501,77 |
| | PIL-VI-1064-200, DPSS, 1064 nm, 200 mW, cw, 5 VDC, Ø12 x 40 mm | | | 523,81 | 557,52 |
| | PIL-VI-1064-300, DPSS, 1064 nm, 300 mW, cw, 5 VDC, Ø12 x 40 mm | | | 482,00 | 513,02 |


LASER MODULES - 1083 nm

| CW series INFRARED 1083 nm | | Status | MOQ | EUR / pc | USD / pc |
|--|---|--------|-----|----------|----------|
|  <p>INFRARED Diode pumped solid state (DPSS) laser modules</p> <p>Automatic Power Control (APC) Power Supply + Holder available</p> <p>1083 nm</p> | CW1083-01, 1083 nm, <1 mW, cw, APC, 0.8 mrad, 3.0 VDC, Ø12 x 31 (49) mm | | | 124,90 | 132,94 |
| | CW1083-05, 1083 nm, <5 mW, cw, APC, 0.8 mrad, 3.0 VDC, Ø12 x 31 (49) mm | | | 124,90 | 132,94 |

LASER MODULES - 1310 nm

| CW series INFRARED 1310 nm | | Status | MOQ | EUR / pc | USD / pc |
|--|---|--------|-----|----------|----------|
|  <p>Diode laser modules</p> <p>Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p> | CW1310-005, 1310 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 77,10 | 82,06 |
| | CW1310-010, 1310 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 84,70 | 90,15 |

LASER MODULES - 1550 nm

| CW series INFRARED 1550 nm | | Status | MOQ | EUR / pc | USD / pc |
|--|---|--------|-----|----------|----------|
|  <p>Diode laser modules</p> <p>Automatic Power Control (APC) Cinch Connector Focusable Power Supply + Holder available</p> | CW1550-005, 1550 nm, <5 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 77,10 | 82,06 |
| | CW1550-010, 1550 nm, 10 mW, cw, focussable, APC, 3.0 VDC, Ø12 x 37 mm | NEW | | 84,70 | 90,15 |

LASER MODULES - DUAL COLOR



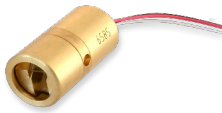
APCM series | GREEN - RED - INFRARED

Status

MOQ

EUR / pc

USD / pc



DUAL color laser modules with **single beam axis emission**

- CW operation
- APC logic
- laser class 2 / 3R

520 | 655 | 845 nm

520 + 655 nm

| | | | |
|--|-----|-------|-------|
| APCM-5165-01-C2, 520+655 nm, single beam, <1 mW, APC, laser class 2, Ø15 x 29 mm | NEW | 75,90 | 80,79 |
| APCM-5165-01-C3, 520+655 nm, single beam, 2-4 mW, laser class 3R, APC, Ø15 x 29 mm | NEW | 75,90 | 80,79 |

520 + 845 nm

| | | | |
|--|-----|-------|-------|
| APCM-5185-01-C2, 520+845 nm, single beam, <1 mW, APC, laser class 2, Ø15 x 29 mm | NEW | 80,90 | 86,11 |
| APCM-5185-01-C3, 520+845 nm, single beam, 2-4 mW, APC, laser class 3R, Ø15 x 29 mm | NEW | 80,90 | 86,11 |

655 + 845 nm

| | | | |
|--|-----|-------|-------|
| APCM-6585-01-C2, 655+845 nm, single beam, <1 mW, APC, laser class 2, Ø15 x 29 mm | NEW | 64,20 | 68,33 |
| APCM-6585-01-C3, 655+845 nm, single beam, 2-4 mW, APC, laser class 3R, Ø15 x 29 mm | NEW | 64,20 | 68,33 |

LASER MODULES - PC CONTROLLED



RLLM series | 405 - 845 nm

Status

MOQ

EUR / pc

USD / pc



PC controlled laser modules, USB 2.0, incl. software

- CW mode and modulation (up to 50 kHz)
- optional: detachable line generator (10 up to 90 °)

405 - 845 nm

405 nm

| | | |
|--|--------|--------|
| RLLM-405PC-1, 405 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 516,60 | 549,85 |
| RLLM-405PC-5, 405 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 534,00 | 568,37 |
| RLLM-405PC-10, 405 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 582,30 | 619,78 |
| RLLM-405PC-30, 405 nm, 30 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 645,80 | 687,36 |
| RLLM-405PC-50, 405 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 774,90 | 824,77 |
| RLLM-405PC-80, 405 nm, 80 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 904,05 | 962,24 |


445 nm




| | | |
|--|--------|--------|
| RLLM-445PC-1, 445 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 516,60 | 549,85 |
| RLLM-445PC-5, 445 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 534,00 | 568,37 |
| RLLM-445PC-10, 445 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 582,30 | 619,78 |
| RLLM-445PC-30, 445 nm, 30 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 645,80 | 687,36 |
| RLLM-445PC-50, 445 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 774,90 | 824,77 |

| | | |
|--|----------|----------|
| 447 nm | | |
| RLLM-447PC-1, 447 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 516,60 | 549,85 |
| RLLM-447PC-5, 447 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 534,00 | 568,37 |
| RLLM-447PC-10, 447 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 582,30 | 619,78 |
| RLLM-447PC-30, 447 nm, 30 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 645,80 | 687,36 |
| RLLM-447PC-50, 447 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 774,90 | 824,77 |
| RLLM-447PC-80, 447 nm, 80 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 904,10 | 962,29 |
| 450 nm | | |
| RLLM-450PC-1, 450 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 516,60 | 549,85 |
| RLLM-450PC-5, 450 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 534,00 | 568,37 |
| RLLM-450PC-10, 450 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 582,30 | 619,78 |
| RLLM-450PC-30, 450 nm, 30 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 645,80 | 687,36 |
| RLLM-450PC-50, 450 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 774,90 | 824,77 |
| RLLM-450PC-80, 450 nm, 80 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 904,10 | 962,29 |
| 520 nm | | |
| RLLM-520PC-1, 520 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 516,60 | 549,85 |
| RLLM-520PC-5, 520 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 683,20 | 727,17 |
| RLLM-520PC-10, 520 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 721,00 | 767,40 |
| RLLM-520PC-20, 520 nm, 20 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 774,90 | 824,77 |
| RLLM-520PC-50, 520 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 904,05 | 962,24 |
| 635 nm | | |
| RLLM-635PC-1, 635 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 387,50 | 412,44 |
| RLLM-635PC-5, 635 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 392,20 | 417,44 |
| RLLM-635PC-10, 635 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 516,60 | 549,85 |
| RLLM-635PC-20, 635 nm, 20 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 578,30 | 615,52 |
| 637 nm | | |
| RLLM-637PC-1, 637 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 387,50 | 412,44 |
| RLLM-637PC-5, 637 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 392,20 | 417,44 |
| RLLM-637PC-10, 637 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 425,60 | 452,99 |
| RLLM-637PC-20, 637 nm, 20 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 516,60 | 549,85 |
| RLLM-637PC-50, 637 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 774,90 | 824,77 |
| 640 nm | | |
| RLLM-640PC-1, 640 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 387,50 | 412,44 |
| RLLM-640PC-5, 640 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 392,20 | 417,44 |
| RLLM-640PC-10, 640 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 425,60 | 452,99 |
| RLLM-640PC-20, 640 nm, 20 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 516,60 | 549,85 |
| RLLM-640PC-50, 640 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 774,90 | 824,77 |
| 685 nm | | |
| RLLM-685PC-1, 685 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 645,75 | 687,31 |
| RLLM-685PC-5, 685 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 774,90 | 824,77 |
| RLLM-685PC-10, 685 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 802,80 | 854,47 |
| RLLM-685PC-20, 685 nm, 20 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 904,05 | 962,24 |
| RLLM-685PC-50, 685 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 1.162,35 | 1.237,16 |
| 845 nm | | |
| RLLM-845PC-1, 845 nm, 1 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 645,75 | 687,31 |
| RLLM-845PC-5, 845 nm, 5 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 802,80 | 854,47 |
| RLLM-845PC-10, 845 nm, 10 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 862,00 | 917,48 |
| RLLM-845PC-20, 845 nm, 20 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 904,10 | 962,29 |
| RLLM-845PC-50, 845 nm, 50 mW, cw, modulation <50 kHz, focusable, USB2.0, Ø19 x 88 mm | 1.162,40 | 1.237,21 |
| Powell line generator lens attachment | | |
| RLLM-PL10, detachable Powell Lens, 10° | 179,00 | 190,52 |
| RLLM-PL15, detachable Powell Lens, 15° | 179,00 | 190,52 |
| RLLM-PL30, detachable Powell Lens, 30° | 179,00 | 190,52 |
| RLLM-PL45, detachable Powell Lens, 45° | 179,00 | 190,52 |
| RLLM-PL50, detachable Powell Lens, 50° | 179,00 | 190,52 |
| RLLM-PL60, detachable Powell Lens, 60° | 179,00 | 190,52 |
| RLLM-PL75, detachable Powell Lens, 75° | 179,00 | 190,52 |
| RLLM-PL90, detachable Powell Lens, 90° | 179,00 | 190,52 |

ACCESSORIES FOR LASER MODULES



| SQ50x34 Heat Sink | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>Heat sink for laser modules suitable for all Ø12 mm laser modules, like CW405, C450 or CW532 series Dimensions: 50 x 50 x 34 mm</p> | | | | |
| SQ50X34, heat sink for CW Ø12mm series, black aluminium, 114 g, 50 x 50 x 34 mm | | | 18,90 | 20,12 |
| SQFAN12, Fan for heat sink SQ50x34, 12VDC, 0.7W, 40x40x10.5mm | | | 9,70 | 10,32 |

| RLM Laser Module Holder | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | Height, reach, and tilt adjustable laser module holder with full 360° turnable fixture suitable for laser modules up to 16.5 mm in diameter | | | | |
| RLM-1250, Laser Module Holder, Ø <12.5 mm, 69 x 67 mm, 152 g | | | | 26,40 | 28,10 |
| RLM-1650, Laser Module Holder, Ø <16.5 mm, 69 x 67 mm, 152 g | | | | 26,40 | 28,10 |
| LPS Power Supplies | | Status | MOQ | EUR / pc | USD / pc |
|  | 100-240 VAC universal power supplies for 3 VDC and 5 VDC laser modules with 0.5 m supply line - CE marking - AC Europlug (CEE 7/16) - IEC 60130-10 Type A connector | | | | |
| LPS31C, Laser Power Supply, Input 100-240 VAC, Output 3.0 VDC, max. 1 A, 30x80x75 mm, 80g | | | | 19,90 | 21,18 |
| LPS51C, Laser Power Supply, Input 100-240 VAC, Output 5.0 VDC, max. 1 A, 30x80x75 mm, 80g | | | | 19,90 | 21,18 |
|  | 110-230 VAC universal power supplies for 3 VDC and 5 VDC laser modules with 1 m supply line and ON / OFF switch - Small ripple (<80 mV) - AC Europlug (CEE 7/16) - IEC 60130-10 Type A connector | | | | |
| LPS51, Laser Power Supply, Input 110-230 VAC, Output 5.0 VDC, max. 1 A, 33x62x105 mm | | | | 29,90 | 31,82 |

LASER SYSTEMS UV - 261 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

261 nm

| RLTUVL-261 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|-----------|-----------|
| RLTUVL-261-1-10, 261 nm, 1 mW, cw, <10%, stability, PSU-FDA | | | 10.772,00 | 11.465,31 |
| RLTUVL-261-3-10, 261 nm, 2 mW, cw, <10%, stability, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTUVL-261-5-10, 261 nm, 5 mW, cw, <10%, stability, PSU-FDA | | | 15.155,00 | 16.130,41 |
| RLTUVL-261-10-10, 261 nm, 10 mW, cw, <10%, stability, PSU-FDA | | | 18.522,00 | 19.714,11 |

LASER SYSTEMS UV - 266 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

266 nm

| RLTMPL-266 series DPSS PASSIVELY Q-SWITCHED | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMPL-266-5-5, 266 nm, 5 mW, / 1 µJ, ~10 ns pulse, PSU-FDA | | | 8.079,00 | 8.598,98 |
| RLTMPL-266-10-5, 266 nm, 10 mW, / 2 µJ, ~10 ns pulse, PSU-FDA | | | 11.670,00 | 12.421,10 |
| RLTMPL-266-30-5, 266 nm, 30 mW, / 3 µJ, ~10 ns pulse, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTMPL-266-50-5, 266 nm, 50 mW, / 5 µJ, ~10 ns pulse, PSU-FDA | | | 14.362,00 | 15.286,37 |
| RLTMPL-266-100-5, 266 nm, 100 mW, / 10 µJ, ~10 ns pulse, PSU-FDA | | | 16.838,00 | 17.921,73 |
| RLTMPL-266-200-5, 266 nm, 200 mW, / 10 µJ, ~10 ns pulse, PSU-FDA | | | 20.206,00 | 21.506,50 |
| RLTMPL-266-400-5, 266 nm, 400 mW, / 20 µJ, ~10 ns pulse, PSU-FDA | | | 23.573,00 | 25.090,20 |
| RLTMPL-266-600-5, 266 nm, 600 mW, / 30 µJ, ~10 ns pulse, PSU-FDA | | | 30.309,00 | 32.259,75 |
| RLTAOL-266 series DPSS AOM Q-SWITCHED | Status | MOQ | EUR / pc | USD / pc |
| RLTAOL-266-10-10, 266 nm, 10 mW, @ 10 kHz, 3 µJ, 10-15 ns pulse, <10%, stability, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTAOL-266-30-10, 266 nm, 30 mW, @ 10 kHz, 3 µJ, 10-15 ns pulse, <10%, stability, PSU-FDA | | | 14.362,00 | 15.286,37 |
| RLTAOL-266-50-10, 266 nm, 50 mW, @ 10 kHz, 5 µJ, 10-15 ns pulse, <10%, stability, PSU-FDA | | | 16.838,00 | 17.921,73 |
| RLTAOL-266-100-10, 266 nm, 100 mW, @ 10 kHz, 10 µJ, 10-15 ns pulse, <10%, stability, PSU-FDA | | | 20.206,00 | 21.506,50 |
| RLTAOL-266-200-10, 266 nm, 200 mW, @ 10 kHz, 20 µJ, 10-15 ns pulse, <10%, stability, PSU-FDA | | | 23.573,00 | 25.090,20 |

LASER SYSTEMS UV - 303 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW operation

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

303 nm

| RLTUVL-303 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|-----------|-----------|
| RLTUVL-303-1-10, 303 nm, 1 mW, cw, <10%, stability, PSU-FDA | | | 9.874,00 | 10.509,51 |
| RLTUVL-303-3-10, 303 nm, 3 mW, cw, <10%, stability, PSU-FDA | | | 11.669,00 | 12.420,04 |
| RLTUVL-303-5-10, 303 nm, 5 mW, cw, <10%, stability, PSU-FDA | | | 13.464,00 | 14.330,57 |
| RLTUVL-303-10-10, 303 nm, 10 mW, cw, <10%, stability, PSU-FDA | | | 15.154,00 | 16.129,34 |
| RLTUVL-303-15-10, 303 nm, 15 mW, cw, <10%, stability, PSU-FDA | | | 18.522,00 | 19.714,11 |
| RLTUVL-303-20-10, 303 nm, 20 mW, cw, <10%, stability, PSU-FDA | | | 21.890,00 | 23.298,88 |

LASER SYSTEMS UV - 320 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

320 nm

| RLTUVL-320 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTUVL-320-3-10, 320 nm, 3 mW, cw, <10%, stability, laser head 209x88x74 mm, PSU-FDA | | | 8.079,00 | 8.598,98 |
| RLTUVL-320-5-10, 320 nm, 5 mW, cw, <10%, stability, laser head 209x88x74 mm, PSU-FDA | | | 9.874,00 | 10.509,51 |
| RLTUVL-320-10-10, 320 nm, 10 mW, cw, <10%, stability, laser head 209x88x74 mm, PSU-FDA | | | 11.669,00 | 12.420,04 |
| RLTUVL-320-15-10, 320 nm, 15 mW, cw, <10%, stability, laser head 209x88x74 mm, PSU-FDA | | | 14.362,00 | 15.286,37 |
| RLTUVL-320-20-10, 320 nm, 20 mW, cw, <10%, stability, laser head 209x88x74 mm, PSU-FDA | | | 16.838,00 | 17.921,73 |
| RLTUVL-320-30-10, 320 nm, 30 mW, cw, <10%, stability, laser head 209x88x74 mm, PSU-FDA | | | 23.573,00 | 25.090,20 |

LASER SYSTEMS UV - 349 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

349 nm

| RLTUVL-349 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTUVL-349-3-10, 349 nm, 3 mW, cw, <10%, stability, laser head 211x88x74 mm, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTUVL-349-5-10, 349 nm, 5 mW, cw, <10%, stability, laser head 211x88x74 mm, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTUVL-349-10-10, 349 nm, 10 mW, cw, <10%, stability, laser head 211x88x74 mm, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTUVL-349-15-10, 349 nm, 15 mW, cw, <10%, stability, laser head 211x88x74 mm, PSU-FDA | | | 13.464,00 | 14.330,57 |
| RLTUVL-349-20-10, 349 nm, 20 mW, cw, <10%, stability, laser head 211x88x74 mm, PSU-FDA | | | 15.154,00 | 16.129,34 |
| RLTUVL-349-30-10, 349 nm, 30 mW, cw, <10%, stability, laser head 211x88x74 mm, PSU-FDA | | | 21.890,00 | 23.298,88 |
| RLTMPL-349 series DPSS PASSIVELY Q-SWITCHED | Status | MOQ | EUR / pc | USD / pc |
| RLTMPL-349-5-10, 349 nm, 5 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTMPL-349-10-10, 349 nm, 10 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMPL-349-20-10, 349 nm, 20 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTMPL-349-30-10, 349 nm, 30 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA | | | 14.362,00 | 15.286,37 |

LASER SYSTEMS UV - 351 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| Pulsed operation

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

351 nm

| RLTMPL-351 series DPSS PASSIVELY Q-SWITCHED | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMPL-351-1-10, 351 nm, 1 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTMPL-351-5-10, 351 nm, 5 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMPL-351-10-10, 351 nm, 10 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTMPL-351-20-10, 351 nm, 20 mW, , 2-3 kHz, ~4ns pulse, <10%, stability, PSU-FDA | | | 14.362,00 | 15.286,37 |

LASER SYSTEMS UV - 355 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

355 nm

| RLTUVL-355 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTUVL-355-1-10, 355 nm, 1 mW, cw, <10%, stability, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTUVL-355-5-10, 355 nm, 5 mW, cw, <10%, stability, PSU-FDA | | | 8.079,00 | 8.598,98 |
| RLTUVL-355-10-10, 355 nm, 10 mW, cw, <10%, stability, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTUVL-355-15-10, 355 nm, 15 mW, cw, <10%, stability, PSU-FDA | | | 13.464,00 | 14.330,57 |
| RLTMPL-355 series DPSS PASSIVELY Q-SWITCHED | Status | MOQ | EUR / pc | USD / pc |
| RLTMPL-355-10-5, 355 nm, 10 mW, / 1 µJ, ~5 ns pulse, <5%, stability, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTMPL-355-30-5, 355 nm, 30 mW, / 4 µJ, ~5 ns pulse, <5%, stability, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMPL-355-50-5, 355 nm, 50 mW, / 5 µJ, ~5 ns pulse, <5%, stability, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTMPL-355-100-5, 355 nm, 100 mW, 10 µJ, ~5 ns pulse, <5% stability, PSU-FDA | | | 9.874,00 | 10.509,51 |
| RLTMPL-355-200-5, 355 nm, 200 mW, / 15 µJ, ~7 ns pulse, <5%, stability, PSU-FDA | | | 12.800,00 | 13.623,83 |
| RLTMPL-355-300-5, 355 nm, 200 mW, / 30 µJ, ~7 ns pulse, <5%, stability, PSU-FDA | | | 13.464,00 | 14.330,57 |
| RLTMPL-355-500-5, 355 nm, 500 mW, / 50 µJ, ~7 ns pulse, <5%, stability, PSU-FDA | | | 14.312,00 | 15.233,15 |
| RLTAOM-355 series DPSS AOM Q-SWITCHED | Status | MOQ | EUR / pc | USD / pc |
| RLTAOM-355-10-5, 355 nm, 10 mW, @ 1 kHz, 10 µJ, 5-10 ns pulse, <5%, stability, PSU-AOM | | | 9.874,00 | 10.509,51 |
| RLTAOM-355-20-5, 355 nm, 20 mW, @ 1 kHz, 30 µJ, 5-10ns pulse, <5%, stability, PSU-AOM | | | 11.669,00 | 12.420,04 |
| RLTAOM-355-40-5, 355 nm, 40 mW, @ 1 kHz, 40 µJ, 5-10 ns pulse, <5%, stability, PSU-AOM | | | 13.464,00 | 14.330,57 |
| RLTAOM-355-1W-5, 355 nm, 1 W @ 20 kHz, 50 µJ, ~15 ns pulse, <5%, stability, PSU-AOM | | | 14.362,00 | 15.286,37 |
| RLTAOM-355-2W-5, 355 nm, 2 W, @ 20 kHz, 100 µJ, ~15 ns pulse, <5%, stability, PSU-AOM | | | 15.154,00 | 16.129,34 |
| RLTAOM-355-3W-5, 355 nm, 3 W, @ 20 kHz, 150 µJ, ~15 ns pulse, <5%, stability, PSU-AOM | | | 16.838,00 | 17.921,73 |

LASER SYSTEMS UV - 360 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

360 nm

| RLTUVL-360 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTUVL-360-10-3, 360 nm, 10 mW, cw, stability <3%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTUVL-360-30-3, 360 nm, 30 mW, cw, stability <3%, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTUVL-360-50-3, 360 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 13.471,00 | 14.338,02 |
| RLTUVL-360-100-3, 360 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 16.838,00 | 17.921,73 |
| RLTUVL-360-150-3, 360 nm, 150 mW, cw, stability <3%, PSU-FDA | | | 25.257,00 | 26.882,59 |
| RLTUVL-360-200-3, 360 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 31.992,00 | 34.051,07 |

LASER SYSTEMS UV - 375 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

375 nm

| RLTUVL-375 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTUVL-375-30-3, 375 nm, 30 mW, cw, stability <3%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTUVL-375-50-3, 375 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 9.874,00 | 10.509,51 |
| RLTUVL-375-100-3, 375 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTUVL-375-150-3, 375 nm, 150 mW, cw, stability <3%, PSU-FDA | | | 11.669,00 | 12.420,04 |

LASER SYSTEMS UV - 395 / 397 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

395 / 397 nm

| RLTUVL-395 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTUVL-395-20-3, 395 nm, 20 mW, cw, stability <3%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTUVL-395-50-3, 395 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTUVL-395-80-3, 395 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTUVL-395-100-3, 395 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTUVL-397 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
| RLTUVL-397-20-3, 397 nm, 20 mW, cw, stability <3%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTUVL-397-50-3, 397 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTUVL-397-80-3, 397 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTUVL-397-100-3, 397 nm, 150 mW, cw, stability <3%, PSU-FDA | | | 6.717,00 | 7.149,32 |

LASER SYSTEMS VIOLET - 400 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

400 nm

| RLTMDL-400 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-400-50-3, 400 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 2.914,00 | 3.101,55 |
| RLTMDL-400-100-3, 400 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMDL-400-200-3, 400 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 4.364,00 | 4.644,88 |
| RLTMDL-400-300-3, 400 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMDL-400-500-3, 400 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 8.079,00 | 8.598,98 |

LASER SYSTEMS VIOLET - 405 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, singel longitudinal mode, remote control

405 nm

| RLTMDL-405 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-405-10-3, 405 nm, 10 mW, cw, stability <3%, PSU-FDA | | | 1.238,00 | 1.317,68 |
| RLTMDL-405-50-3, 405 nm, 50 mW, cw, stability <3%, PSU-LED | | | 1.592,00 | 1.694,46 |
| RLTMDL-405-100-3, 405 nm, 100 mW, cw, stability <3%, PSU-LED | | | 1.448,00 | 1.541,20 |
| RLTMDL-405-200-3, 405 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-405-300-3, 405 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-405-400-3, 405 nm, 400 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMDL-405-500-3, 405 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 3.912,00 | 4.163,78 |
| RLTMLL-405 series DIODE CW LOW NOISE | Status | MOQ | EUR / pc | USD / pc |
| RLTMLL-405-10-3, 405 nm, 10 mW, cw, stability <3%, PSU-FDA | | | 1.529,00 | 1.627,41 |
| RLTMLL-405-50-3, 405 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 1.529,00 | 1.627,41 |
| RLTMLL-405-100-3, 405 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 1.882,00 | 2.003,13 |
| RLTMLL-405-200-3, 405 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 2.470,00 | 2.628,97 |
| RLTMLL-405-300-3, 405 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 3.269,00 | 3.479,40 |
| RLTMLL-405-400-3, 405 nm, 400 mW, cw, stability <3%, PSU-FDA | | | 3.815,00 | 4.060,54 |
| RLTMLL-405-500-3, 405 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 4.990,00 | 5.311,17 |

LASER SYSTEMS VIOLET - 410 / 415 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

410 / 415 nm

| RLTMDL-410 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-410-50-3, 410 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 2.914,00 | 3.101,55 |
| RLTMDL-410-100-3, 410 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMDL-410-200-3, 410 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 3.693,00 | 3.930,69 |
| RLTMDL-410-300-3, 410 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 4.364,00 | 4.644,88 |
| RLTMDL-410-500-3, 410 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 5.388,00 | 5.734,78 |
| RLTMDL-415 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-415-50-3, 415 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 2.914,00 | 3.101,55 |
| RLTMDL-415-100-3, 415 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMDL-415-200-3, 415 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 4.364,00 | 4.644,88 |
| RLTMDL-415-300-3, 415 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMDL-415-500-3, 415 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 8.079,00 | 8.598,98 |

LASER SYSTEMS BLUE - 442 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

442 nm

| RLTMDL-442 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-442-10-3, 442 nm, 10 mW, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-442-30-3, 442 nm, 30 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-442-50-3, 442 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-442-80-3, 442 nm, 80 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMLL-442 series DIODE CW LOW NOISE | Status | MOQ | EUR / pc | USD / pc |
| RLTMLL-442-10-3, 442 nm, 10 mW, cw, stability <3%, laser head 141x46x73 mm | | | 2.280,00 | 2.426,75 |
| RLTMLL-442-30-3, 442 nm, 30 mW, cw, stability <3%, laser head 141x46x73 mm | | | 2.823,00 | 3.004,69 |
| RLTMLL-442-50-3, 442 nm, 50 mW, cw, stability <3%, laser head 141x46x73 mm | | | 3.291,00 | 3.502,82 |

LASER SYSTEMS BLUE - 445/447/450 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | **Options:** Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

445/447/450 nm

| RLTMDL-445 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-445L-10-3, 445 nm, 10 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-445L-20-3, 445 nm, 20 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.523,00 | 1.621,02 |
| RLTMDL-445L-30-3, 445 nm, 30 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.676,00 | 1.783,87 |
| RLTMDL-445L-50-3, 445 nm, 50 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.719,00 | 1.829,64 |
| RLTMDL-445-50-3, 445 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 838,00 | 891,94 |
| RLTMDL-445L-80-3, 445 nm, 80 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-445-100-3, 445 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 915,00 | 973,89 |
| RLTMDL-445-500-3, 445 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 984,00 | 1.047,33 |
| RLTMDL-445-1W-3, 445 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.048,00 | 1.115,45 |
| RLTMDL-445-1W5-3, 445 nm, 1.5 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-445-2W-3, 445 nm, 2 W, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-445-3W5-3, 445 nm, 3.5 W, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |

| RLTMDL-447 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-447L-10-3, 447 nm, 10 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-447L-20-3, 447 nm, 20 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.523,00 | 1.621,02 |
| RLTMDL-447L-30-3, 447 nm, 30 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.676,00 | 1.783,87 |
| RLTMDL-447L-50-3, 447 nm, 50 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.719,00 | 1.829,64 |
| RLTMDL-447-50-3, 447 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 838,00 | 891,94 |
| RLTMDL-447L-80-3, 447 nm, 80 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-447-100-3, 447 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 915,00 | 973,89 |
| RLTMDL-447-500-3, 447 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 984,00 | 1.047,33 |
| RLTMDL-447-1W-3, 447 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.048,00 | 1.115,45 |
| RLTMDL-447-1W5-3, 447 nm, 1.5 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-447-2W-3, 447 nm, 2 W, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-447-3W5-3, 447 nm, 3.5 W, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |

| RLTMDL-450 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-450L-10-3, 450 nm, 10 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-450L-20-3, 450 nm, 20 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.523,00 | 1.621,02 |
| RLTMDL-450L-30-3, 450 nm, 30 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.676,00 | 1.783,87 |
| RLTMDL-450L-50-3, 450 nm, 50 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.719,00 | 1.829,64 |
| RLTMDL-450-50-3, 450 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 838,00 | 891,94 |
| RLTMDL-450L-80-3, 450 nm, 80 mW, cw, stability <3%, near TEM00, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-450-100-3, 450 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 915,00 | 973,89 |
| RLTMDL-450-500-3, 450 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 984,00 | 1.047,33 |
| RLTMDL-450-1W-3, 450 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.000,00 | 1.064,36 |
| RLTMDL-450-1W5-3, 450 nm, 1.5 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-450-2W-3, 450 nm, 2 W, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-450-3W5-3, 450 nm, 3.5 W, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |

LASER SYSTEMS BLUE - 454 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

454 nm

| RLTMDL-454 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-454-50-3, 454 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-454-100-3, 454 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.205,00 | 2.346,92 |
| RLTMDL-454-300-3, 454 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-454-500-3, 454 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMDL-454-800-3, 454 nm, 800 mW, cw, stability <3%, PSU-FDA | | | 3.693,00 | 3.930,69 |

LASER SYSTEMS BLUE - 457 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

457 nm

| RLTMBL-457 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMBL-457-10-5, 457 nm, 10 mW, cw, stability <5%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMBL-457-50-5, 457 nm, 50 mW, cw, stability <5%, PSU-FDA | | | 6.119,00 | 6.512,83 |
| RLTMBL-457-100-5, 457 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMBL-457-300-5, 457 nm, 300 mW, cw, stability <5%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMBL-457-500-5, 457 nm, 500 mW, cw, stability <5%, PSU-FDA | | | 7.181,00 | 7.643,18 |
| RLTMBL-457-1W-5, 457 nm, 1000 mW, cw, stability <5%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMBL-457-2W-5, 457 nm, 2000 mW, cw, stability <5%, PSU-FDA | | | 11.669,00 | 12.420,04 |
| RLTMBL-457-3W-5, 457 nm, 3 W, cw, stability <5%, PSU-FDA | | | 13.464,00 | 14.330,57 |
| RLTMBL-457-5W-5, 457 nm, 5 W, cw, stability <5%, PSU-FDA | | | 16.838,00 | 17.921,73 |
| RLTMBL-457-10W-5, 457 nm, 10 W, cw, stability <5%, PSU-FDA | | | 33.676,00 | 35.843,45 |

| RLTMLL-457 series DPSS CW LOW NOISE | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMLL-457-10-3, 457 nm, 10 mW, cw, stability <3%, PSU-FDA | | | 6.237,00 | 6.638,43 |
| RLTMLL-457-50-3, 457 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 6.793,00 | 7.230,21 |
| RLTMLL-457-100-3, 457 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 7.001,00 | 7.451,60 |
| RLTMLL-457-300-3, 457 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 8.168,00 | 8.693,71 |
| RLTMLL-457-500-3, 457 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 9.335,00 | 9.935,82 |
| RLTMLL-457-1W-3, 457 nm, 1000 mW, cw, stability <3%, PSU-FDA | | | 11.669,00 | 12.420,04 |
| RLTMLL-457-2W-3, 457 nm, 2000 mW, cw, stability <3%, PSU-FDA | | | 14.228,00 | 15.143,74 |
| RLTMLL-457-3W-3, 457 nm, 3 W, cw, stability <3%, PSU-FDA | | | 16.417,00 | 17.473,63 |
| RLTMLL-457-5W-3, 457 nm, 5 W, cw, stability <3%, PSU-FDA | | | 21.890,00 | 23.298,88 |
| RLTMLL-457-10W-3, 457 nm, 10 W, cw, stability <3%, PSU-FDA | | | 43.779,00 | 46.596,70 |

LASER SYSTEMS BLUE - 460/462/465 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

460/462/465 nm

| RLTMDL-460 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-460L-30-3, 460 nm, 30 mW, cw, stability <3%, PSU-FDA, near TEM00 beam profile | | | 1.900,00 | 2.022,29 |
| RLTMDL-460L-50-3, 460 nm, 50 mW, cw, stability <3%, PSU-FDA, near TEM00 beam profile | | | 2.353,00 | 2.504,44 |
| RLTMDL-460-50-3, 460 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-460L-80-3, 460 nm, 80 mW, cw, stability <3%, PSU-FDA, near TEM00 beam profile | | | 2.743,00 | 2.919,54 |
| RLTMDL-460-100-3, 460 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.205,00 | 2.346,92 |
| RLTMDL-460-300-3, 460 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-460-500-3, 460 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMDL-460-800-3, 460 nm, 800 mW, cw, stability <3%, PSU-FDA | | | 3.693,00 | 3.930,69 |
| RLTMDL-462 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-462-50-3, 462 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-462-100-3, 462 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.254,00 | 2.399,07 |
| RLTMDL-462-300-3, 462 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-462-500-3, 462 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 3.429,00 | 3.649,70 |
| RLTMDL-462-1W-3, 462 nm, 1 W, cw, stability <3%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMDL-462-2W-3, 462 nm, 2 W, cw, stability <3%, PSU-FDA | | | 4.871,00 | 5.184,51 |
| RLTMDL-465 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-465-50-3, 465 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-465-100-3, 465 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.254,00 | 2.399,07 |
| RLTMDL-465-300-3, 465 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-465-500-3, 465 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 3.429,00 | 3.649,70 |
| RLTMDL-465-1W-3, 465 nm, 1 W, cw, stability <3%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMDL-465-2W-3, 465 nm, 2 W, cw, stability <3%, PSU-FDA | | | 4.871,00 | 5.184,51 |

LASER SYSTEMS BLUE - 473 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

473 nm

| RLTMBL-473 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMBL-473-50-3, 473 nm, 50 mW, cw, stability <3%, PSU-LED | | | 1.882,00 | 2.003,13 |
| RLTMBL-473-100-3, 473 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.823,00 | 3.004,69 |
| RLTMBL-473-200-3, 473 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMBL-473-300-3, 473 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| RLTMBL-473-500-3, 473 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 5.373,00 | 5.718,82 |
| RLTMBL-473-800-3, 473 nm, 800 mW, cw, stability <3%, PSU-FDA | | | 8.079,00 | 8.598,98 |
| RLTMBL-473-1W-3, 473 nm, 1 W, cw, stability <3%, PSU-FDA | | | 9.874,00 | 10.509,51 |
| RLTMBL-473-1.5W-3, 473 nm, 1.5 W, cw, stability <3%, PSU-FDA | | | 11.669,00 | 12.420,04 |
| RLTMBL-473-2W-3, 473 nm, 2 W, cw, stability <3%, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTMBL-473-3W-3, 473 nm, 3 W, cw, stability <3%, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTMBL-473-5W-3, 473 nm, 5 W, cw, stability <3%, PSU-FDA | | | 15.154,00 | 16.129,34 |
| RLTMML-473 series DPSS CW LOW NOISE | Status | MOQ | EUR / pc | USD / pc |
| RLTMML-473-50-3, 473 nm, 50 mW, cw, stability <3%, PSU-FDA | | | o.r. | o.r. |
| RLTMML-473-100-3, 473 nm, 100 mW, cw, stability <3%, PSU-FDA | | | o.r. | o.r. |
| RLTMML-473-300-3, 473 nm, 300 mW, cw, stability <3%, PSU-FDA | | | o.r. | o.r. |
| RLTMML-473-500-3, 473 nm, 500 mW, cw, stability <3%, PSU-FDA | | | o.r. | o.r. |

| RLTMSL-473 series DPSS CW SINGLE LONGITUDINAL MODE LOW NOISE | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMSL-473-10-3, 473 nm, 10 mW, cw, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMSL-473-30-3, 473 nm, 30 mW, cw, stability <3%, PSU-FDA | | | 6.219,00 | 6.619,27 |
| RLTMSL-473-50-3, 473 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTMSL-473-100-3, 473 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 8.976,00 | 9.553,71 |

LASER SYSTEMS BLUE - 480 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

480 nm

| RLTMBL-480 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMBL-480-10-5, 480 nm, 10 mW, cw, stability <5%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMBL-480-20-5, 480 nm, 20 mW, cw, stability <5%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMBL-480-30-5, 480 nm, 30 mW, cw, stability <5%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMBL-480-50-5, 480 nm, 50 mW, cw, stability <5%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMBL-480-100-5, 480 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTMBL-480-150-5, 480 nm, 150 mW, cw, stability <5%, PSU-FDA | | | 8.976,00 | 9.553,71 |

LASER SYSTEMS CYAN - 488 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

488 nm

| RLTMDL-488 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMDL-488-30-3, 488 nm, 30 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMDL-488-50-3, 488 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 3.693,00 | 3.930,69 |
| RLTMDL-488-100-3, 488 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 11.738,00 | 12.493,48 |

LASER SYSTEMS CYAN - 491 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, remote control

491 nm

| RLTMBL-491 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMBL-491-1-10, 491 nm, 1 mW, cw, stability <10%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMBL-491-2-10, 491 nm, 2 mW, cw, stability <10%, PSU-FDA | | | 4.086,00 | 4.348,98 |

LASER SYSTEMS CYAN - 505 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

505 nm

| RLTMDL-505L series DIODE CW NEAR TEM00 | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|-----------|-----------|
| RLTMDL-505L-10-2, 505 nm, 10 mW, cw, stability <2%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMDL-505L-30-2, 505 nm, 30 mW, cw, stability <2%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMDL-505L-50-2, 505 nm, 50 mW, cw, stability <2%, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTMDL-505L-80-2, 505 nm, 80 mW, cw, stability <2%, PSU-FDA | | | 14.312,00 | 15.233,15 |

LASER SYSTEMS GREEN - 510/514.5 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

510/514.5 nm

| RLTMDL-510 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-510-10-3, 510 nm, 10 mW, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-510-20-3, 510 nm, 20 mW, cw, stability <3%, PSU-FDA | | | 2.050,00 | 2.181,94 |
| RLTMDL-510-30-3, 510 nm, 30 mW, cw, stability <3%, PSU-FDA | | | 2.171,00 | 2.310,73 |
| RLTMDL-514 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-514-30-3, 514.5 nm, 30 mW, cw, stability <3%, PSU-FDA | | | 2.050,00 | 2.181,94 |
| RLTMDL-514-50-3, 514.5 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 2.171,00 | 2.310,73 |

LASER SYSTEMS GREEN - 515 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

515 nm

| RLTMGL-515 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMGL-515-10-10, 515 nm, 10 mW, cw, stability <10%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMGL-515-30-10, 515 nm, 30 mW, cw, stability <10%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMGL-515-50-10, 515 nm, 50 mW, cw, stability <10%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMGL-515-100-10, 515 nm, 100 mW, cw, stability <10%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMGL-515-150-5, 515 nm, 150 mW, cw, stability <5%, PSU-FDA | | | 8.079,00 | 8.598,98 |
| RLTMGL-515-200-5, 515 nm, 200 mW, cw, stability <5%, PSU-FDA | | | 9.874,00 | 10.509,51 |
| RLTMGL-515-300-5, 515 nm, 300 mW, cw, stability <5%, PSU-FDA | | | 1.169,00 | 1.244,24 |
| RLTMGL-515-400-5, 515 nm, 400 mW, cw, stability <5%, PSU-FDA | | | 13.464,00 | 14.330,57 |
| RLTMGL-515-500-5, 515 nm, 500 mW, cw, stability <5%, PSU-FDA | | | 14.312,00 | 15.233,15 |

LASER SYSTEMS GREEN - 520 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

510/514.5 nm

| RLTMDL-520 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-520-100-3, 520 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 1.238,00 | 1.317,68 |
| RLTMDL-520-300-3, 520 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 1.320,00 | 1.404,96 |
| RLTMDL-520-500-3, 520 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-520-1W-3, 520 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |

LASER SYSTEMS GREEN - 522 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

522 nm

| RLTMGL-522 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMGL-522-10-5, 522 nm, 10 mW, cw, stability <5%, PSU-FDA | | | 2.823,00 | 3.004,69 |
| RLTMGL-522-30-5, 522 nm, 30 mW, cw, stability <5%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMGL-522-50-5, 522 nm, 50 mW, cw, stability <5%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMGL-522-80-5, 522 nm, 80 mW, cw, stability <5%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMGL-522-100-5, 522 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 5.757,00 | 6.127,53 |

LASER SYSTEMS GREEN - 523.5 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW operation

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

523.5 nm

| RLTMGL-523 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMGL-523-10-5, 523.5 nm, 10 mW, cw, stability <5%, PSU-FDA | | | 1.882,00 | 2.003,13 |
| RLTMGL-523-30-5, 523.5 nm, 30 mW, cw, stability <5%, PSU-FDA | | | 2.050,00 | 2.181,94 |
| RLTMGL-523-50-5, 523.5 nm, 50 mW, cw, stability <5%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMGL-523-100-5, 523.5 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMGL-523-300-5, 523.5 nm, 300 mW, cw, stability <5%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMGL-523-500-5, 523.5 nm, 500 mW, cw, stability <5%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMGL-523-800-5, 523.5 nm, 800 mW, cw, stability <5%, PSU-FDA | | | 7.180,00 | 7.642,12 |

LASER SYSTEMS GREEN - 526 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW operation

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

526 nm

| RLTMGL-526 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMGL-526-10-5, 526.5 nm, 10 mW, cw, stability <5%, PSU-FDA | | | 1.882,00 | 2.003,13 |
| RLTMGL-526-30-5, 526.5 nm, 30 mW, cw, stability <5%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMGL-526-50-5, 526.5 nm, 50 mW, cw, stability <5%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMGL-526-100-5, 526.5 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMGL-526-200-5, 526.5 nm, 200 mW, cw, stability <5%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMGL-526-300-5, 526.5 nm, 300 mW, cw, stability <5%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMGL-526-500-5, 526.5 nm, 500 mW, cw, stability <5%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMGL-526-1W-5, 526.5 nm, 1 W, cw, stability <5%, PSU-FDA | | | 8.079,00 | 8.598,98 |

LASER SYSTEMS GREEN - 532 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW and pulsed systems available

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

532 nm

| RLTMGL-532 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMGL-532-100-3, 532 nm, 100 mW, cw, stability <3%, PSU-LED | | | 2.063,00 | 2.195,78 |
| RLTMGL-532-200-3, 532 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 2.223,00 | 2.366,08 |
| RLTMGL-532-300-3, 532 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 2.117,00 | 2.253,25 |
| RLTMGL-532-500-3, 532 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 2.823,00 | 3.004,69 |
| RLTMGL-532-1W-3, 532 nm, 1 W, cw, stability <3%, PSU-LED | | | 3.343,00 | 3.558,16 |
| RLTMGL-532-1.5W-3, 532 nm, 1.5 W, cw, stability <3%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| RLTMGL-532-2W-3, 532 nm, 2 W, cw, stability <3%, PSU-LED | | | 4.921,00 | 5.237,73 |
| RLTMGL-532-2.5W-3, 532 nm, 2.5 W, cw, stability <3%, PSU-FDA | | | 4.304,00 | 4.581,01 |
| RLTMGL-532-3W-3, 532 nm, 3 W, cw, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMGL-532-3W-5, 532 nm, 3 W, cw, stability <5%, PSU-FDA | | | 4.797,62 | 5.106,40 |
| RLTMGL-532-4W-5, 532 nm, 4 W, cw, stability <5%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMGL-532-5W-5, 532 nm, 5 W, cw, stability <5%, PSU-FDA | | | 7.180,00 | 7.642,12 |
| RLTMGL-532-8W-5, 532 nm, 8 W, cw, stability <5%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMGL-532-10W-5, 532 nm, 10 W, cw, stability <5%, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTMGL-532-15W-5, 532 nm, 15 W, cw, stability <5%, PSU-FDA | | | 15.154,00 | 16.129,34 |
| RLTMGL-532-20W-5, 532 nm, 20 W, cw, stability <5%, PSU-FDA | | | 21.890,00 | 23.298,88 |

| RLTMLL-532 series DPSS CW LOW NOISE | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|-----------|-----------|
| RLTMLL-532-100-3, 532 nm, 100 mW, cw, stability <3%, noise <1%, PSU-FDA | | | 2.142,00 | 2.279,86 |
| RLTMLL-532-200-3, 532 nm, 200 mW, cw, stability <3%, noise <1%, PSU-FDA | | | 2.448,00 | 2.605,56 |
| RLTMLL-532-300-3, 532 nm, 300 mW, cw, stability <3%, noise <1%, PSU-FDA | | | 2.610,00 | 2.777,98 |
| RLTMLL-532-500-3, 532 nm, 500 mW, cw, stability <3%, noise <1%, PSU-FDA | | | 3.188,00 | 3.393,19 |
| RLTMLL-532-1W-3, 532 nm, 1 W, cw, stability <3%, noise <1%, PSU-FDA | | | 5.154,00 | 5.485,72 |
| RLTMLL-532-1.5W-3, 532 nm, 1.5 W, cw, stability <3%, noise <1%, PSU-FDA | | | 4.402,00 | 4.685,32 |
| RLTMLL-532-2W-3, 532 nm, 2 W, cw, stability <3%, noise <1%, PSU-FDA | | | 4.799,00 | 5.107,87 |
| RLTMLL-532-2.5W-3, 532 nm, 2.5 W, cw, stability <3%, noise <1%, PSU-FDA | | | 5.278,00 | 5.617,70 |
| RLTMLL-532-3W-5, 532 nm, 3 W, cw, stability <5%, noise <1%, PSU-FDA | | | 5.999,00 | 6.385,11 |
| RLTMLL-532-5W-5, 532 nm, 5 W, cw, stability <5%, noise <1%, PSU-FDA | | | 8.978,00 | 9.555,84 |
| RLTMLL-532-8W-5, 532 nm, 8 W, cw, stability <5%, noise <1%, PSU-FDA | | | 10.773,00 | 11.466,37 |
| RLTMLL-532-10W-5, 532 nm, 10 W, cw, stability <5%, noise <1%, PSU-FDA | | | 12.927,00 | 13.759,01 |
| RLTMLL-532-15W-5, 532 nm, 15 W, cw, stability <5%, noise <1%, PSU-FDA | | | 18.186,00 | 19.356,49 |
| RLTMLL-532-20W-5, 532 nm, 20 W, cw, stability <5%, noise <1%, PSU-FDA | | | 26.268,00 | 27.958,66 |
| RLTMSL-532 series DPSS CW SINGLE LONGITUDINAL MODE LOW NOISE | Status | MOQ | EUR / pc | USD / pc |
| RLTMSL-532-10-3, 532 nm, 10 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 3.912,00 | 4.163,78 |
| RLTMSL-532-50-3, 532 nm, 50 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 4.499,00 | 4.788,56 |
| RLTMSL-532-100-3, 532 nm, 100 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 5.373,00 | 5.718,82 |
| RLTMSL-532-200-3, 532 nm, 200 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 6.333,00 | 6.740,60 |
| RLTMSL-532-300-3, 532 nm, 300 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 9.874,00 | 10.509,51 |
| RLTMSL-532-500-3, 532 nm, 500 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 13.470,00 | 14.336,96 |
| RLTMSL-532-1W-3, 532 nm, 1000 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 15.154,00 | 16.129,34 |
| RLTMPL-532 series DPSS PASSIVELY Q-SWITCHED | Status | MOQ | EUR / pc | USD / pc |
| RLTMPL-532-10-3, 532 nm, 10 mW, avg., pulse length ~10ns, <3%, stability, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMPL-532-20-3, 532 nm, 20 mW, avg., pulse length ~10ns, <3%, stability, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMPL-532-50-3, 532 nm, 50 mW, avg., pulse length ~10ns, <3%, stability, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMPL-532-100-3, 532 nm, 100 mW, avg., pulse length ~10ns, <3%, stability, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMPL-532-300-3, 532 nm, 300 mW, avg., pulse length ~5ns, <3%, stability, PSU-FDA | | | 8.079,00 | 8.598,98 |
| RLTMPL-532-500-3, 532 nm, 500 mW, avg., pulse length ~5ns, <3%, stability, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMPL-532-1W-3, 532 nm, 1 W, mW avg., pulse length ~5ns, <3%, stability, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTMPL-532-2W-3, 532 nm, 2 W, mW avg., pulse length ~5ns, <3%, stability, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTMPL-532-3W-3, 532 nm, 3 W, mW avg., pulse length ~5ns, <3%, stability, PSU-FDA | | | 15.154,00 | 16.129,34 |
| RLTMPL-532 series DPSS PASSIVELY Q-SWITCHED SHORT PULSE | Status | MOQ | EUR / pc | USD / pc |
| RLTMPL-532SP-3UJ-5, 532 nm, 3 µJ, ~1.3 ns pulse, <5%, stability, PSU-FDA | | | 8.079,00 | 8.598,98 |
| RLTMPL-532SP-5UJ-5, 532 nm, 5 µJ, ~1.3 ns pulse, <5%, stability, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMPL-532SP-10UJ-5, 532 nm, 10 µJ, ~1.3 ns pulse, <5%, stability, PSU-FDA | | | 11.669,00 | 12.420,04 |
| RLTMPL-532SP-20UJ-5, 532 nm, 20 µJ, ~1.3 ns pulse, <5%, stability, PSU-FDA | | | 13.464,00 | 14.330,57 |
| RLTMPL-532SP-30UJ-5, 532 nm, 30 µJ, ~1.3 ns pulse, <5%, stability, PSU-FDA | | | 14.312,00 | 15.233,15 |
| RLTAOL-532 series DPSS AOM Q-SWITCHED | Status | MOQ | EUR / pc | USD / pc |
| RLTAOL-532-10-5, 532 nm, 10 mW, @ 1 kHz, 10µJ, 5-10 ns pulse, <5%, stability, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTAOL-532-30-5, 532 nm, 30 mW, @ 1 kHz, 30µJ, 5-10 ns pulse, <5%, stability, PSU-FDA | | | 8.079,00 | 8.598,98 |
| RLTAOL-532-50-5, 532 nm, 50 mW, @ 1 kHz, 50µJ, 5-10 ns pulse, <5%, stability, PSU-FDA | | | 9.874,00 | 10.509,51 |
| RLTAOL-532-100-5, 532 nm, 100 mW, @ 10 kHz, 10µJ, 8-15 ns pulse, <5%, stability, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTAOL-532-300-5, 532 nm, 300 mW, @ 10 kHz, 30 µJ, 8-15 ns pulse, <5%, stability, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTAOL-532-500-5, 532 nm, 500 mW, @ 10 kHz, 50 µJ, 8-15 ns pulse, <5%, stability, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTAOL-532-1W-5, 532 nm, 1 W, @ 10 kHz, 100 µJ, 5-30 ns pulse, <5%, stability, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTAOL-532-2W-5, 532 nm, 2 W, @ 10 kHz, 200 µJ, 5-30 ns pulse, <5%, stability, PSU-FDA | | | 14.362,00 | 15.286,37 |

LASER SYSTEMS GREEN - 543 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW mode

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

543 nm

| RLTMGL-543 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMGL-543-30-3, 543 nm, 30 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMGL-543-50-3, 543 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| RLTMGL-543-100-3, 543 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMGL-543-200-3, 543 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMGL-543-500-3, 543 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 8.079,00 | 8.598,98 |
| RLTMGL-543-1W-3, 543 nm, 1 W, cw, stability <3%, PSU-FDA | | | 9.874,00 | 10.509,51 |
| RLTMGL-543-1.5W-3, 543 nm, 1.5 W, cw, stability <3%, PSU-FDA | | | 11.669,00 | 12.420,04 |

LASER SYSTEMS GREEN - 556 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

556 nm

| RLTMGL-556 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|-----------|-----------|
| RLTMGL-556-30-3, 556 nm, 30 mW, cw, stability <3%, PSU-FDA | | | 3.086,00 | 3.284,62 |
| RLTMGL-556-50-3, 556 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 3.457,00 | 3.679,50 |
| RLTMGL-556-100-3, 556 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 5.167,00 | 5.499,56 |
| RLTMGL-556-200-3, 556 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 6.643,00 | 7.070,56 |
| RLTMGL-556-500-10, 556 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMGL-556-1W-10, 556 nm, 1 W, cw, stability <3%, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTMGL-556-2W-10, 556 nm, 2 W, cw, stability <3%, PSU-FDA | | | 15.154,00 | 16.129,34 |
| RLTMGL-556-2.5W-10, 556 nm, 2.5 W, cw, stability <3%, PSU-FDA | | | 18.522,00 | 19.714,11 |

LASER SYSTEMS GREEN - 561 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

561 nm

| RLTMGL-561 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|-----------|-----------|
| RLTMGL-561-30-3, 561 nm, 30 mW, cw, stability <3%, PSU-FDA | | | 2.352,38 | 2.503,78 |
| RLTMGL-561-50-3, 561 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 2.674,00 | 2.846,10 |
| RLTMGL-561-100-3, 561 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMGL-561-200-3, 561 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMGL-561-300-3, 561 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMGL-561-500-3, 561 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMGL-561-1W-3, 561 nm, 1 W, cw, stability <3%, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTMGL-561-2W-3, 561 nm, 2 W, cw, stability <3%, PSU-FDA | | | 18.522,00 | 19.714,11 |
| RLTMLL-561 series DPSS CW LOW NOISE | Status | MOQ | EUR / pc | USD / pc |
| RLTMLL-561-30-3, 561 nm, 30 mW, cw, stability <3%, noise <1%, PSU-FDA | | | 2.897,00 | 3.083,46 |
| RLTMLL-561-50-3, 561 nm, 50 mW, cw, stability <3%, noise <1%, PSU-FDA | | | 3.477,00 | 3.700,79 |
| RLTMLL-561-100-3, 561 nm, 100 mW, cw, stability <3%, noise <1%, PSU-FDA | | | 3.984,00 | 4.240,42 |
| RLTMLL-561-200-3, 561 nm, 200 mW, cw, stability <3%, noise <1%, PSU-FDA | | | 6.237,00 | 6.638,43 |

LASER SYSTEMS YELLOW - 589/593.5 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

589/593.5 nm

| RLTMGL-589 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMGL-589-10-5, 589 nm, 10 mW, cw, stability <5%, PSU-FDA | | | 3.086,00 | 3.284,62 |
| RLTMGL-589-30-5, 589 nm, 30 mW, cw, stability <5%, PSU-FDA | | | 3.452,00 | 3.674,18 |
| RLTMGL-589-50-5, 589 nm, 50 mW, cw, stability <5%, PSU-FDA | | | 3.929,00 | 4.181,88 |
| RLTMGL-589-100-5, 589 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 5.167,00 | 5.499,56 |
| RLTMGL-589-200-5, 589 nm, 200 mW, cw, stability <5%, PSU-FDA | | | 5.905,00 | 6.285,06 |
| RLTMGL-589-300-5, 589 nm, 300 mW, cw, stability <5%, PSU-FDA | | | 7.381,00 | 7.856,06 |
| RLTMGL-589-400-5, 589 nm, 400 mW, cw, stability <5%, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTMGL-589-500-5, 589 nm, 500 mW, cw, stability <5%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMGL-589-1W-5, 589 nm, 1 W, cw, stability <5%, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTMGL-589-2W-5, 589 nm, 2 W, cw, stability <5%, PSU-FDA | | | 14.362,00 | 15.286,37 |
| RLTMGL-589-3W-5, 589 nm, 3 W, cw, stability <5%, PSU-FDA | | | 15.154,00 | 16.129,34 |
| RLTMGL-589-4.5W-5, 589 nm, 4.5 W, cw, stability <5%, PSU-FDA | | | 18.522,00 | 19.714,11 |

| RLTMGL-593 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMGL-593-10-5, 593.5 nm, 10 mW, cw, stability <5%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMGL-593-30-5, 593.5 nm, 30 mW, cw, stability <5%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMGL-593-50-5, 593.5 nm, 50 mW, cw, stability <5%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMGL-593-100-5, 593.5 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMGL-593-200-5, 593.5 nm, 200 mW, cw, stability <5%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMGL-593-500-5, 593.5 nm, 500 mW, cw, stability <5%, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTMGL-593-800-5, 593.5 nm, 800 mW, cw, stability <5%, PSU-FDA | | | 15.154,00 | 16.129,34 |

LASER SYSTEMS ORANGE - 604 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

604 nm

| RLTMRL-604 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMRL-604-10-5, 604 nm, 10 mW, cw, stability <5%, PSU-FDA | | | 4.304,00 | 4.581,01 |
| RLTMRL-604-30-5, 604 nm, 30 mW, cw, stability <5%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMRL-604-50-5, 604 nm, 50 mW, cw, stability <5%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMRL-604-100-5, 604 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 8.976,00 | 9.553,71 |

LASER SYSTEMS ORANGE - 607 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

607 nm

| RLTMRL-607 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMRL-607-30-5, 607 nm, 30 mW, cw, stability <5%, PSU-FDA | | | 4.304,00 | 4.581,01 |
| RLTMRL-607-50-5, 607 nm, 50 mW, cw, stability <5%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMRL-607-100-5, 607 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMRL-607-200-5, 607 nm, 200 mW, cw, stability <5%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMRL-607-300-5, 607 nm, 300 mW, cw, stability <5%, PSU-FDA | | | 8.079,00 | 8.598,98 |
| RLTMRL-607-500-5, 607 nm, 500 mW, cw, stability <5%, PSU-FDA | | | 11.669,00 | 12.420,04 |

LASER SYSTEMS RED - 633/635/637 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

633/635/637 nm

| RLTMDL-633 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-633-100-3, 633 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-633-200-3, 633 nm, 200 mW, cw, MM, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-633-300-3, 633 nm, 300 mW, cw, MM, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-633-500-3, 633 nm, 500 mW, cw, MM, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMDL-635 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-635-300-3, 635 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 1.048,00 | 1.115,45 |
| RLTMDL-635-500-3, 635 nm, 500 mW, cw, stability <3%, PSU-FDA | | | | |
| RLTMDL-635-1W-3, 635 nm, 1 W, cw, stability <3%, PSU-FDA | | | 2.956,00 | 3.146,25 |
| RLTMDL-635R series DIODE CW ROUND BEAM | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-635R-50-3, 635 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-635R-100-3, 635 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-635R-150-3, 635 nm, 150 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMDL-637 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-637-100-3, 637 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-637-200-3, 637 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 1.719,00 | 1.829,64 |

LASER SYSTEMS RED - 639 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

639 nm

| RLTMRL-639 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMRL-639-50-3, 639 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| RLTMRL-639-100-3, 639 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 3.798,00 | 4.042,45 |
| RLTMRL-639-300-3, 639 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMRL-639-500-3, 639 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMRL-639-1W-3, 639 nm, 1 W, cw, stability <3%, PSU-FDA | | | 8.976,00 | 9.553,71 |

LASER SYSTEMS RED - 640 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

640 nm

| RLTMRL-640 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMRL-640-100-3, 640 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMRL-640-200-3, 640 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 1.719,00 | 1.829,64 |

LASER SYSTEMS RED - 655 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, narrow linewidth, remote control

655 nm

| RLTMDL-655 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-655-100-3, 655 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 838,00 | 891,94 |
| RLTMDL-655-500-3, 655 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 1.048,00 | 1.115,45 |
| RLTMDL-655-1W-3, 655 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-655R series DIODE CW ROUND BEAM | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-655R-50-3, 655 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-655R-100-3, 655 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-655R-200-3, 655 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |

LASER SYSTEMS RED - 656.5 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

656.5 nm

| RLTMRL-656 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMRL-656-10-5, 656.5 nm, 10 mW, cw, stability <5%, PSU-FDA | | | 2.823,00 | 3.004,69 |
| RLTMRL-656-30-5, 656.5 nm, 30 mW, cw, stability <5%, PSU-FDA | | | 3.152,00 | 3.354,87 |
| RLTMRL-656-50-5, 656.5 nm, 50 mW, cw, stability <5%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| RLTMRL-656-100-5, 660 nm, 200 mW, cw, stability <5%, PSU-FDA | | | 4.499,00 | 4.788,56 |
| RLTMRL-656-200-5, 656 nm, 200 mW, cw, stability <5%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMRL-656-500-5, 660 nm, 500 mW, cw, stability <5%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMRL-656-1W-5, 660 nm, 1 W, cw, stability <5%, PSU-FDA | | | 8.079,00 | 8.598,98 |

LASER SYSTEMS RED - 660 nm DIODE



Diode Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

660 nm

| RLTMDL-660 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-660-100-3, 660 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 838,00 | 891,94 |
| RLTMDL-660-500-3, 660 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 1.048,00 | 1.115,45 |
| RLTMDL-660-1W-3, 660 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-660R series DIODE CW ROUND BEAM | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-660R-50-3, 660 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-660R-100-3, 660 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-660R-200-3, 660 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |

LASER SYSTEMS RED - 660 nm DPSS



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

660 nm

| RLTMRL-660 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMRL-660-30-5, 660 nm, 30 mW, cw, stability <5%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMRL-660-50-5, 660 nm, 50 mW, cw, stability <5%, PSU-FDA | | | 2.891,00 | 3.077,07 |
| RLTMRL-660-100-5, 660 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMRL-660-200-5, 660 nm, 200 mW, cw, stability <5%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMRL-660-300-5, 660 nm, 300 mW, cw, stability <5%, PSU-FDA | | | 4.499,00 | 4.788,56 |
| RLTMRL-660-500-5, 660 nm, 500 mW, cw, stability <5%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMRL-660-1W-5, 660 nm, 1 W, cw, stability <5%, PSU-FDA | | | 8.079,00 | 8.598,98 |
| RLTMRL-660-2W-5, 660 nm, 2 W, cw, stability <5%, PSU-FDA | | | 12.567,00 | 13.375,84 |

LASER SYSTEMS RED - 671 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

671 nm

| RLTMRL-671 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|------|-----------|-----------|
| RLTMRL-671-50-3, 671 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 1.647,00 | 1.753,00 |
| RLTMRL-671-100-3, 671 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 1.725,00 | 1.836,02 |
| RLTMRL-671-200-3, 671 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 1.882,00 | 2.003,13 |
| RLTMRL-671-500-3, 671 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 2.675,00 | 2.847,17 |
| RLTMRL-671-1W-3, 671 nm, 1 W, cw, stability <3%, PSU-FDA | | | 3.912,00 | 4.163,78 |
| RLTMRL-671-2W-5, 671 nm, 2 W, cw, stability <5%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMRL-671-3W-5, 671 nm, 3 W, cw, stability <5%, PSU-FDA | | | 9.874,00 | 10.509,51 |
| RLTMRL-671-4W-5, 671 nm, 4 W, cw, stability <5%, PSU-FDA | | | 14.362,00 | 15.286,37 |
| RLTMRL-671-5W-5, 671 nm, 5 W, cw, stability <5%, PSU-FDA | | | 18.522,00 | 19.714,11 |
| RLTMRL-671 series DPSS CW LOW NOISE | Status | MOQ | EUR / pc | USD / pc |
| RLTMRL-671-100-3, 671 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.305,00 | 2.453,35 |
| RLTMRL-671-200-3, 671 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 2.635,00 | 2.804,59 |
| RLTMRL-671-500-3, 671 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 3.432,00 | 3.652,89 |
| RLTMRL-671-1W-3, 671 nm, 1 W, cw, stability <3%, PSU-FDA | | | 4.990,00 | 5.311,17 |
| RLTMRL-671-2W-5, 671 nm, 2 W, cw, stability <5%, PSU-FDA | | | 7.484,00 | 7.965,68 |
| RLTMRL-671-3W-5, 671 nm, 3 W, cw, stability <5%, PSU-FDA | | | 12.836,00 | 13.662,15 |
| RLTMRL-671-4W-5, 671 nm, 4 W, cw, stability <5%, PSU-FDA | | | 17.512,00 | 18.639,11 |
| RLTMRL-671-5W-5, 671 nm, 5 W, cw, stability <5%, PSU-FDA | | | 24.079,00 | 25.628,77 |
| RLTMSL-671 series DPSS CW SINGLE LONGITUDINAL MODE LOW NOISE | Status | MOQ | EUR / pc | USD / pc |
| RLTMSL-671-30-3, 671 nm, 30 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| RLTMSL-671-50-3, 671 nm, 50 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| #N/A | #N/A | #N/A | #N/A | #N/A |
| RLTMSL-671-300-3, 671 nm, 300 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTMSL-671-500-3, 671 nm, 500 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 13.464,00 | 14.330,57 |

LASER SYSTEMS RED - 680 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

680 nm

| RLTMDL-680 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-680-300-2, 680 nm, 300 mW, cw, stability <2%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-680-500-2, 680 nm, 500 mW, cw, stability <2%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-680-800-2, 680 nm, 800 mW, cw, stability <2%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMDL-680R series DIODE CW ROUND BEAM | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-680R-50-2, 680 nm, 50 mW, cw, stability <2%, PSU-FDA | | | 3.171,00 | 3.375,09 |
| RLTMDL-680R-100-2, 680 nm, 100 mW, cw, stability <2%, PSU-FDA | | | 3.600,00 | 3.831,70 |
| RLTMDL-680R-200-2, 680 nm, 200 mW, cw, stability <2%, PSU-FDA | | | 4.086,00 | 4.348,98 |

LASER SYSTEMS RED - 685 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW and pulsed systems available
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

685 nm

| RLTMDL-685 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-685-10-3, 685 nm, 10 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-685-20-3, 685 nm, 20 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |

LASER SYSTEMS IR - 705 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW and pulsed systems available
 | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, long coherence length, remote control

705 nm

| RLTMDL-705 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-705-10-3, 705 nm, 10 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-705-20-3, 705 nm, 20 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-705-25-3, 705 nm, 25 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |

LASER SYSTEMS IR - 721 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | Options: Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

721 nm

| RLTMRL-721 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMRL-721-30-5, 721 nm, 30 mW, cw, stability <5%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| RLTMRL-721-50-5, 721 nm, 50 mW, cw, stability <5%, PSU-FDA | | | 3.921,00 | 4.173,36 |
| RLTMRL-721-100-5, 721 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 4.304,00 | 4.581,01 |
| RLTMRL-721-300-5, 721 nm, 300 mW, cw, stability <5%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMRL-721-500-5, 721 nm, 500 mW, cw, stability <5%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMRL-721-800-5, 721 nm, 800 mW, cw, stability <5%, PSU-FDA | | | 14.362,00 | 15.286,37 |

LASER SYSTEMS IR - 730 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, long coherence length, remote control

730 nm

| RLTMDL-730 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-730-10-3, 730 nm, 10 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-730-20-3, 730 nm, 20 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-730-30-3, 730 nm, 30 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |

LASER SYSTEMS IR - 750 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

750 nm

| RLTMDL-750 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-750-100-3, 750 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-750-300-3, 750 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-750-500-3, 750 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 3.171,00 | 3.375,09 |
| RLTMDL-750-1W-3, 750 nm, 1 W, cw, stability <3%, PSU-FDA | | | 3.600,00 | 3.831,70 |
| RLTMDL-750-2W-3, 750 nm, 2 W, cw, stability <3%, PSU-FDA | | | 3.693,00 | 3.930,69 |

LASER SYSTEMS IR - 785 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

785 nm

| RLTMDL-785 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-785-500-3, 785 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 1.719,00 | 1.829,64 |
| RLTMDL-785-1W-3, 785 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-785-2W-3, 785 nm, 2 W, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-785-2.5W-3, 785 nm, 2.5 W, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-785R series DIODE CW ROUND BEAM | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-785R-100-3, 785 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-785R-200-3, 785 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-785R-300-3, 785 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMDL-785L series DIODE CW NEAR TEM00 | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-785L-300-3, 785±0.3 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-785L-400-3, 785±0.3 nm, 400 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-785L-600-3, 785±0.3 nm, 600 mW, cw, stability <3%, PSU-FDA | | | 3.171,00 | 3.375,09 |

LASER SYSTEMS IR - 785 nm INDUSTRIAL



Fiber Coupled Diode Laser Systems for Industrial Application

- | 90-240 VAC power supply integrated
- | CW operation
- | **Options:** modulation, red pilot laser, remote control

785 nm

| RLTMFC-785 series DIODE CW FIBER COUPLED | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMFC-785-500-3, 785 nm, 500 mW, cw, stability <3%, laser unit 243x249x127 mm | | | 3.086,00 | 3.284,62 |
| RLTMFC-785-1W-3, 785 nm, 1 W, cw, stability <3%, laser unit 243x249x127 mm | | | 3.257,00 | 3.466,63 |
| RLTMFC-785-2W-3, 785 nm, 2 W, cw, stability <3%, laser unit 243x249x127 mm | | | 3.457,00 | 3.679,50 |

LASER SYSTEMS IR - 785 nm RAMAN



Spectrum Stabilized Fiber Coupled Diode Laser Systems for Raman Application

- | 90-240 VAC adapter included
- | CW operation
- | Options: modulation

785 nm

| RLTMFC-785D series DIODE CW FIBER COUPLED | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMFC-785D-200-3, 785±0.3 nm, 200 mW, cw, stability <3%, fiber coupled | | | 2.914,00 | 3.101,55 |
| RLTMFC-785D-300-3, 785±0.3 nm, 300 mW, cw, stability <3%, fiber coupled | | | 3.343,00 | 3.558,16 |
| RLTMFC-785D-450-3, 785±0.3 nm, 450 mW, cw, stability <3%, fiber coupled | | | 3.693,00 | 3.930,69 |

LASER SYSTEMS IR - 793 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

793 nm

| RLTMDL-793 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-793-500-3, 793 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-793-1W-3, 793 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-793-2.5W-3, 793 nm, 2.5 W, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-793-3W-3, 793 nm, 3 W, cw, stability <3%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMDL-793-4W-3, 793 nm, 4 W, cw, stability <3%, PSU-FDA | | | 4.798,00 | 5.106,81 |

LASER SYSTEMS IR - 800 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, single longitudinal mode, remote control

800 nm

| RLTMDL-800 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-800-1W-3, 800 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.719,00 | 1.829,64 |
| RLTMDL-800-2W-3, 800 nm, 2 W, cw, stability <3%, PSU-FDA | | | 2.171,00 | 2.310,73 |
| RLTMDL-800-2.5W-3, 800 nm, 2.5 W, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-800R series DIODE CW ROUND BEAM | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-800R-100-3, 800 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-800R-300-3, 800 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-800R-500-3, 800 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |

LASER SYSTEMS IR - 808 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

808 nm

| RLTMDL-808 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-808-1W-3, 808 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.048,00 | 1.115,45 |
| RLTMDL-808-2W-3, 808 nm, 2 W, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-808-5W-3, 808 nm, 5 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-808-8W-3, 808 nm, 8 W, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-808-10W-3, 808 nm, 10 W, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-808R series DIODE CW ROUND BEAM | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-808R-100-3, 808 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-808R-300-3, 808 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-808R-500-3, 808 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |

LASER SYSTEMS IR - 808 nm INDUSTRIAL



Fiber Coupled Diode Laser Systems for Industrial Application

- | 90-240 VAC power supply integrated
- | CW operation
- | Options: modulation, red pilot laser, remote control

808 nm

| RLTMFC-808 series DIODE CW FIBER COUPLED | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMFC-808-20W-1, 808 nm, 20 W, cw, stability <1%, laser unit 314x290x134 mm | | | 4.086,00 | 4.348,98 |
| RLTMFC-808-30W-1, 808 nm, 30 W, cw, stability <1%, laser unit 326x292x156 mm | | | 4.724,00 | 5.028,05 |
| RLTMFC-808-40W-1, 808 nm, 40 W, cw, stability <1%, laser unit 314x290x134 mm | | | 6.200,00 | 6.599,04 |
| RLTMFC-808-50W-1, 808 nm, 50 W, cw, stability <1%, laser unit 288x264x148 mm | | | 5.314,00 | 5.656,02 |

LASER SYSTEMS IR - 825 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, remote control

825 nm

| RLTMDL-825 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-825-500-3, 825 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-825-1W-3, 825 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-825-2W-3, 825 nm, 2 W, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |

LASER SYSTEMS IR - 830 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

830 nm

| RLTMDL-830 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-830-500-3, 830 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-830-1W-3, 830 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-830-2W-3, 830 nm, 2 W, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-830R series DIODE CW ROUND BEAM | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-830R-100-3, 830 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-830R-300-3, 830 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 3.171,00 | 3.375,09 |
| RLTMDL-830R-500-3, 830 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 4.086,00 | 4.348,98 |

LASER SYSTEMS IR - 845 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

845 nm

| RLTMDL-845 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-845-20-3, 845 nm, 20 mW, cw, stability <3%, PSU-FDA | | | 1.238,00 | 1.317,68 |
| RLTMDL-845-40-3, 845 nm, 40 mW, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |

LASER SYSTEMS IR - 852 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, long coherence length, remote control

852 nm

| RLTMDL-852 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-852-1W-3, 852 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-852-1.5W-3, 852 nm, 1.5 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |

LASER SYSTEMS IR - 879/880 nm



Diode Laser Systems

| 90-240 VAC power supply included
| CW operation

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

879/880 nm

| RLTMDL-879 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-879-1W-3, 879 nm, 1 W, cw, square beam, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-879-2W-3, 879 nm, 2 W, cw, square beam, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-879-2.5W-3, 879 nm, 2.5 W, cw, square beam, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-880 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-880-1W-3, 880 nm, 1 W, cw, square beam, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-880-2W-3, 880 nm, 2 W, cw, square beam, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-880-2.5W-3, 880 nm, 2.5 W, cw, square beam, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |

LASER SYSTEMS IR - 885 nm



Diode Laser Systems

| 90-240 VAC power supply included
| CW operation

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

885 nm

| RLTMDL-885 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-885-500-3, 885 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-885-1W-3, 885 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-885-1.5W-3, 885 nm, 1.5 W, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |

LASER SYSTEMS IR - 905 nm



Diode Laser Systems

| 90-240 VAC power supply included
| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

905 nm

| RLTMDL-905L series DIODE CW TEM00 | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-905L-30-2, 905 nm, 30 mW, cw, stability <2%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-905L-50-2, 905 nm, 50 mW, cw, stability <2%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-905L-70-2, 905 nm, 70 mW, cw, stability <2%, PSU-FDA | | | 2.743,00 | 2.919,54 |

LASER SYSTEMS IR - 914 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW and pulsed systems available

| Options: Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

914 nm

| RLTMIL-914 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMIL-914-100-5, 914 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 1.882,00 | 2.003,13 |
| RLTMIL-914-200-5, 914 nm, 200 mW, cw, stability <5%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMIL-914-400-5, 914 nm, 400 mW, cw, stability <5%, PSU-FDA | | | 2.823,00 | 3.004,69 |

LASER SYSTEMS IR - 915 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW and pulsed systems available
 | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, narrow linewidth, remote control

915 nm

| RLTMDL-915 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-915-100-3, 915 nm, 100 mW, cw, near TEM00, stability <3%, PSU-FDA | | | 1.238,00 | 1.317,68 |
| RLTMDL-915-300-3, 915 nm, 300 mW, cw, near TEM00, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-915-500-3, 915 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 1.238,00 | 1.317,68 |
| RLTMDL-915-1W-3, 915 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-915-2W-3, 915 nm, 2 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-915-5W-3, 915 nm, 5 W, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-915-8W-3, 915 nm, 8 W, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |

LASER SYSTEMS IR - 940 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW and pulsed systems available
 | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, narrow linewidth, remote control

940 nm

| RLTMDL-940 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-940-100-3, 940 nm, 100 mW, cw, near TEM00, stability <3%, PSU-FDA | | | 1.238,00 | 1.317,68 |
| RLTMDL-940-300-3, 940 nm, 300 mW, cw, near TEM00, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-940-500-3, 940 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 1.238,00 | 1.317,68 |
| RLTMDL-940-1W-3, 940 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-940-2W-3, 940 nm, 2 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-940-5W-3, 940 nm, 5 W, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-940-8W-3, 940 nm, 8 W, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |

LASER SYSTEMS IR - 946 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
 | CW and pulsed systems available
 | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

946 nm

| RLTMIL-946 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMIL-946-50-3, 946 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 1.882,00 | 2.003,13 |
| RLTMIL-946-100-3, 946 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMIL-946-200-3, 946 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 2.823,00 | 3.004,69 |
| RLTMIL-946-500-3, 946 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| RLTMIL-946-800-3, 946 nm, 800 mW, cw, stability <3%, PSU-FDA | | | 4.798,00 | 5.106,81 |

LASER SYSTEMS IR - 968 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

968 nm

| RLTMDL-968 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-968-200-2, 968 nm, 200 mW, cw, stability <2%, PSU-FDA | | | 1.882,00 | 2.003,13 |
| RLTMDL-968-500-2, 968 nm, 500 mW, cw, stability <2%, PSU-FDA | | | 1.238,00 | 1.317,68 |
| RLTMDL-968-800-2, 968 nm, 800 mW, cw, stability <2%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-968-1W-2, 968 nm, 1 W, cw, stability <2%, PSU-LED | | | 3.586,00 | 3.816,80 |

LASER SYSTEMS IR - 975 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, narrow linewidth, remote control

975 nm

| RLTMDL-975 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-975-500-3, 975±5 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 1.238,00 | 1.317,68 |
| RLTMDL-975-1W-3, 975±5 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.238,00 | 1.317,68 |
| RLTMDL-975-3W-3, 975±5 nm, 3 W, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-975-5W-3, 975±5 nm, 5 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-975-10W-3, 975±5 nm, 10 W, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-975R series DIODE CW ROUND BEAM | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-975R-100-3, 975±5 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-975R-300-3, 975±5 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-975R-500-3, 975±5 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |

LASER SYSTEMS IR - 980 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, narrow linewidth, remote control

980 nm

| RLTMDL-980 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-980-500-3, 980±10 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 1.238,00 | 1.317,68 |
| RLTMDL-980-1W-3, 980±10 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.312,00 | 1.396,44 |
| RLTMDL-980-2W-3, 980 nm, 2 W, cw stab. <3%, PSU-FDA | | | 1.388,00 | 1.477,33 |
| RLTMDL-980-3W-3, 980±10 nm, 3 W, cw, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-980-5W-3, 980±10 nm, 5 W, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-980-10W-3, 980±10 nm, 10 W, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-980R series DIODE CW ROUND BEAM | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-980R-100-3, 980±10 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-980R-300-3, 980±10 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-980R-500-3, 980±10 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 2.743,00 | 2.919,54 |

LASER SYSTEMS IR - 980 nm INDUSTRIAL



Fiber Coupled Diode Laser Systems for Industrial Application

- | 90-240 VAC power supply integrated
- | CW operation
- | **Options:** modulation, red pilot laser, remote control

980 nm

| RLTMFC-980 series DIODE CW FIBER COUPLED | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMFC-980-1W-1, 980 nm, 1 W, cw, stability <1%, laser unit 243x249x127 mm | | | 3.171,00 | 3.375,09 |
| RLTMFC-980-2W-1, 980 nm, 2 W, cw, stability <1%, laser unit 330x291x156 mm | | | 3.257,00 | 3.466,63 |
| RLTMFC-980-4W-1, 980 nm, 4 W, cw, stability <1%, laser unit 243x249x127 mm | | | 3.771,00 | 4.013,71 |
| RLTMFC-980-8W-1, 980 nm, 8 W, cw, stability <1%, laser unit 243x249x127 mm | | | 4.798,00 | 5.106,81 |
| RLTMFC-980-25W-1, 980 nm, 25 W, cw, stability <1%, laser unit 314x290x134 mm | | | 4.952,00 | 5.270,72 |
| RLTMFC-980-30W-1, 980 nm, 30 W, cw, stability <1%, laser unit 314x290x134 mm | | | 5.019,00 | 5.342,03 |
| RLTMFC-980-50W-1, 980 nm, 50 W, cw, stability <1%, laser unit 314x290x134 mm | | | 7.086,00 | 7.542,07 |

LASER SYSTEMS IR - 1030 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | **Options:** Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1030 nm

| RLTMIL-1030 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMIL-1030-30-3, 1030 nm, 30 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMIL-1030-50-3, 1030 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| RLTMIL-1030-80-3, 1030 nm, 80 mW, cw, stability <3%, PSU-FDA | | | 4.086,00 | 4.348,98 |

LASER SYSTEMS IR - 1040 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| Options: Fibercoupling, modulation, adj. output power, high stability, low noise, remote control

1040 nm

| RLTMIL-1040 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMIL-1040-30-3, 1040 nm, 30 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMIL-1040-50-3, 1040 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| RLTMIL-1040-80-3, 1040 nm, 80 mW, cw, stability <3%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMIL-1040-100-3, 1040 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 4.798,00 | 5.106,81 |

LASER SYSTEMS IR - 1047 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1047 nm

| RLTMIL-1047 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMIL-1047-50-3, 1047 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMIL-1047-100-3, 1047 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.614,00 | 2.782,24 |
| RLTMIL-1047-300-3, 1047 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMIL-1047-500-3, 1047 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| RLTMIL-1047-800-3, 1047 nm, 800 mW, cw, stability <3%, PSU-FDA | | | 4.304,00 | 4.581,01 |
| RLTMIL-1047-1W-3, 1047 nm, 1 W, cw, stability <3%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMIL-1053 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
| RLTMIL-1053-100-3, 1053 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMIL-1053-300-3, 1053 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMIL-1053-500-3, 1053 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| RLTMIL-1053-1W-3, 1053 nm, 1000 mW, cw, stability <3%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMPL-1053 series DPSS PASSIVELY Q-SWITCHED | Status | MOQ | EUR / pc | USD / pc |
| RLTMPL-1053-10-3, 1053 nm, 10 µJ, pulse length ~10ns, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMPL-1053-20-3, 1053 nm, 20 µJ, pulse length ~10ns, stability <3%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMPL-1053-30-3, 1053 nm, 30 µJ, pulse length ~10ns, stability <3%, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTMPL-1053-50-3, 1053 nm, 50 µJ, pulse length ~10ns, stability <3%, PSU-FDA | | | 8.079,00 | 8.598,98 |

LASER SYSTEMS IR - 1060 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, narrow linewidth, remote control

1060 nm

| RLTMDL-1060 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-1060-100-5, 1060 nm, 100 mW, cw, near TEM00, stability <3%, PSU-FDA | | | 1.238,00 | 1.317,68 |
| RLTMDL-1060-200-5, 1060 nm, 200 mW, cw, near TEM00, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-1060-300-5, 1060 nm, 300 mW, cw, near TEM00, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-1060-500-5, 1060 nm, 500 mW, cw, square beam, stability <3%, PSU-FDA | | | 1.238,00 | 1.317,68 |
| RLTMDL-1060-1W-5, 1060 nm, 1 W, cw, square beam, stability <3%, PSU-FDA | | | 1.448,00 | 1.541,20 |
| RLTMDL-1060-2W-5, 1060 nm, 2 W, cw, square beam, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |

LASER SYSTEMS IR - 1064 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1064 nm

| RLTMIL-1064 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|-----------|-----------|
| RLTMIL-1064-300-3, 1064 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 1.411,00 | 1.501,81 |
| RLTMIL-1064-500-3, 1064 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 1.411,00 | 1.501,81 |
| RLTMIL-1064-800-3, 1064 nm, 800 mW, cw, stability <3%, PSU-FDA | | | 1.647,00 | 1.753,00 |
| RLTMIL-1064-1W-3, 1064 nm, 1 W, cw, stability <3%, PSU-FDA | | | 1.882,00 | 2.003,13 |
| RLTMIL-1064-2W-3, 1064 nm, 2 W, cw, stability <3%, PSU-FDA | | | 2.823,00 | 3.004,69 |
| RLTMIL-1064-3W-3, 1064 nm, 3 W, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMIL-1064-5W-5, 1064 nm, 5 W, cw, stability <5%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMIL-1064-8W-5, 1064 nm, 8 W, cw, stability <5%, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTMIL-1064-10W-5, 1064 nm, 10 W, cw, stability <5%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMIL-1064-15W-5, 1064 nm, 15 W, cw, stability <5%, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTMIL-1064-20W-5, 1064 nm, 20 W, cw, stability <5%, PSU-FDA | | | 18.522,00 | 19.714,11 |
| RLTMLL-1064 series DPSS CW LOW NOISE | Status | MOQ | EUR / pc | USD / pc |
| RLTMLL-1064-300-3, 1064 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 1.529,00 | 1.627,41 |
| RLTMLL-1064-500-3, 1064 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 1.835,00 | 1.953,10 |
| RLTMLL-1064-800-3, 1064 nm, 800 mW, cw, stability <3%, PSU-FDA | | | 2.141,00 | 2.278,80 |
| RLTMLL-1064-1W-3, 1064 nm, 1 W, cw, stability <3%, PSU-FDA | | | 2.447,00 | 2.604,49 |
| RLTMLL-1064-2W-3, 1064 nm, 2 W, cw, stability <3%, PSU-FDA | | | 3.477,00 | 3.700,79 |
| RLTMLL-1064-3W-3, 1064 nm, 3 W, cw, stability <3%, PSU-FDA | | | 3.984,00 | 4.240,42 |
| RLTMSL-1064 series DPSS CW LOW NOISE SINGLE LONGITUDINAL MODE | Status | MOQ | EUR / pc | USD / pc |
| RLTMSL-1064-50-3, 1064 nm, 50 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 2.674,00 | 2.846,10 |
| RLTMSL-1064-100-3, 1064 nm, 100 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMSL-1064-300-3, 1064 nm, 300 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMSL-1064-500-3, 1064 nm, 500 mW, cw, stability <3%, noise <0.5%, PSU-FDA | | | 7.181,00 | 7.643,18 |
| RLTMSL-1064-1W-3, 1064 nm, 1 W, cw, stability <3%, noise <1%, PSU-FDA | | | 11.669,00 | 12.420,04 |
| RLTMSL-1064-2W-5, 1064 nm, 2 W, cw, stability <5%, noise <0.5%, PSU-FDA | | | 16.838,00 | 17.921,73 |
| RLTMSL-1064-5W-5, 1064 nm, 5 W, cw, stability <5%, noise <0.5%, PSU-FDA | | | 20.206,00 | 21.506,50 |
| RLTMSL-1064-8W-5, 1064 nm, 8 W, cw, stability <5%, noise <0.5%, PSU-FDA | | | 25.257,00 | 26.882,59 |
| RLTMSL-1064-10W-5, 1064 nm, 10 W, cw, stability <5%, noise <0.5%, PSU-FDA | | | 28.625,00 | 30.467,36 |
| RLTMPL-1064 series DPSS PASSIVELY Q-SWITCHED | Status | MOQ | EUR / pc | USD / pc |
| RLTMPL-1064-100-3, 1064 nm, 10-20 µJ, 100 mW, pulse length ~1.3ns, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMPL-1064-300-3, 1064 nm, 10-20 µJ, 300 mW, pulse length ~1.3ns, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMPL-1064-500-3, 1064 nm, 10-20 µJ, 500 mW, pulse length ~3-5ns, stability <3%, PSU-FDA | | | 2.823,00 | 3.004,69 |
| RLTMPL-1064-1W-3, 1064 nm, 20-100 µJ, 1 W, pulse length ~10ns, stability <3%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMPL-1064-2W-5, 1064 nm, 150-250 µJ, 2 W, pulse length ~2ns, stability <5%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMPL-1064-3W-5, 1064 nm, 150-250 µJ, 3 W, pulse length ~2ns, stability <5%, PSU-FDA | | | 6.717,00 | 7.149,32 |

LASER SYSTEMS IR - 1085 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| Options: Fibercoupling, modulation, adj. output power, high stability, low noise, remote control

1085 nm

| RLTMIL-1085U series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMIL-1085U-100-5, 1085 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMIL-1085U-200-5, 1085 nm, 200 mW, cw, stability <5%, PSU-FDA | | | 2.544,00 | 2.707,74 |
| RLTMIL-1085U-300-5, 1085 nm, 300 mW, cw, stability <5%, PSU-FDA | | | 2.823,00 | 3.004,69 |
| RLTMIL-1085U-500-5, 1085 nm, 500 mW, cw, stability <5%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMIL-1085U-1W-5, 1085 nm, 1 W, cw, stability <5%, PSU-FDA | | | 5.373,00 | 5.718,82 |

LASER SYSTEMS IR - 1112 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW operation

| **Options:** Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1112 nm

| RLTMIL-1112 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMIL-1112-30-3, 1112 nm, 30 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMIL-1112-50-3, 1112 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 3.550,00 | 3.778,48 |
| RLTMIL-1112-100-3, 1112 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMIL-1112-300-3, 1112 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMIL-1112-500-3, 1112 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 8.079,00 | 8.598,98 |

LASER SYSTEMS IR - 1122 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW operation

| **Options:** Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1122 nm

| RLTMIL-1122 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMIL-1122-50-3, 1122 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMIL-1122-100-3, 1122 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| RLTMIL-1122-200-3, 1122 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMIL-1122-500-3, 1122 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMIL-1122-800-3, 1122 nm, 800 mW, cw, stability <3%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMIL-1122-1W-3, 1122 nm, 1 W, cw, stability <3%, PSU-FDA | | | 8.079,00 | 8.598,98 |

LASER SYSTEMS IR - 1177 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
| CW and pulsed systems available

| **Options:** Fibercoupling, modulation, adj. output power, high stability, remote control

1177 nm

| RLTMIL-1177 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMIL-1177-30-5, 1177 nm, 30 mW, cw, stability <5%, PSU-FDA | | | 3.677,00 | 3.913,66 |
| RLTMIL-1177-50-5, 1177 nm, 50 mW, cw, stability <5%, PSU-FDA | | | 3.821,00 | 4.066,93 |
| RLTMIL-1177-100-5, 1177 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 4.499,00 | 4.788,56 |
| RLTMIL-1177-150-5, 1177 nm, 150 mW, cw, stability <5%, PSU-FDA | | | 4.798,00 | 5.106,81 |

LASER SYSTEMS IR - 1310 nm



Diode Laser Systems

| 90-240 VAC power supply included
| CW and pulsed systems available

| **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

1310 nm

| RLTMDL-1310 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-1310-10-3, 1310 nm, 10 mW, cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-1310-20-3, 1310 nm, 20 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |

LASER SYSTEMS IR - 1313 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| **Options:** Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1313 nm

| RLTMIL-1313 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMIL-1313-100-3, 1313 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMIL-1313-300-3, 1313 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMIL-1313-500-3, 1313 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMIL-1313-1W-3, 1313 nm, 1 W, cw, stability <3%, PSU-FDA | | | 8.079,00 | 8.598,98 |

LASER SYSTEMS IR - 1319 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| **Options:** Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1319 nm

| RLTMIL-1319 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMIL-1319-50-3, 1319 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMIL-1319-100-3, 1319 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 2.819,00 | 3.000,44 |
| RLTMIL-1319-300-3, 1319 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMIL-1319-500-3, 1319 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMIL-1319-800-3, 1319 nm, 800 mW, cw, stability <3%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMIL-1319-1W-3, 1319 nm, 1 W, cw, stability <3%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMIL-1319-1.5W-3, 1319 nm, 1.5 W, cw, stability <3%, PSU-FDA | | | 8.079,00 | 8.598,98 |

LASER SYSTEMS IR - 1342 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| **Options:** Fibercoupling, modulation, adj. output power, high stability, low noise, single longitudinal mode, remote control

1342 nm

| RLTMIL-1342 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMIL-1342-100-3, 1342 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 1.882,00 | 2.003,13 |
| RLTMIL-1342-300-3, 1342 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMIL-1342-500-3, 1342 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 2.823,00 | 3.004,69 |
| RLTMIL-1342-800-3, 1342 nm, 800 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMIL-1342-1W-3, 1342 nm, 1 W, cw, stability <3%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMIL-1342-2W-3, 1342 nm, 2 W, cw, stability <3%, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTMIL-1342-3W-3, 1342 nm, 3 W, cw, stability <3%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMIL-1342-5W-3, 1342 nm, 5 W, cw, stability <3%, PSU-FDA | | | 14.362,00 | 15.286,37 |
| RLTMIL-1342-6W-3, 1342 nm, 6 W, cw, stability <3%, PSU-FDA | | | 16.838,00 | 17.921,73 |

LASER SYSTEMS IR - 1413 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| **Options:** Fibercoupling, modulation, adj. output power, high stability, remote control

1413 nm

| RLTMIL-1413 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMIL-1413-50-5, 1413 nm, 50 mW, cw, stability <5%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMIL-1413-100-5, 1413 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMIL-1413-200-5, 1413 nm, 200 mW, cw, stability <5%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMIL-1413-300-5, 1413 nm, 300 mW, cw, stability <5%, PSU-FDA | | | 7.676,00 | 8.170,04 |

LASER SYSTEMS IR - 1444 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included
 | CW and pulsed systems available
 | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

1444 nm

| RLTMIL-1444 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMIL-1444-50-3, 1444 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMIL-1444-100-3, 1444 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 4.798,00 | 5.106,81 |
| RLTMIL-1444-200-3, 1444 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMIL-1444-400-3, 1444 nm, 400 mW, cw, stability <3%, PSU-FDA | | | 8.079,00 | 8.598,98 |

LASER SYSTEMS IR - 1450 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

1450 nm

| RLTMDL-1450 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-1450-100-2, 1450 nm, 100 mW, cw, stability <2%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-1450-300-2, 1450 nm, 300 mW, cw, stability <2%, PSU-FDA | | | 2.171,00 | 2.310,73 |
| RLTMDL-1450-500-2, 1450 nm, 500 mW, cw, stability <2%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-1450-1W-2, 1450 nm, 1 W, cw, stability <2%, PSU-FDA | | | 3.600,00 | 3.831,70 |
| RLTMDL-1450-2W-2, 1450 nm, 2 W, cw, stability <2%, PSU-FDA | | | 3.693,00 | 3.930,69 |
| RLTMDL-1450-3W-2, 1450 nm, 3 W, cw, stability <2%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMDL-1450R series DIODE CW ROUND BEAM | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-1450R-50-2, 1450 nm, 50 mW, cw, round beam, stability <2%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-1450R-100-2, 1450 nm, 100 mW, cw, round beam, stability <2%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMDL-1450R-150-2, 1450 nm, 150 mW, cw, round beam, stability <2%, PSU-FDA | | | 3.693,00 | 3.930,69 |

LASER SYSTEMS IR - 1470 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

1470 nm

| RLTMDL-1470 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| RLTMDL-1470-100-2, 1470 nm, 100 mW, cw, stability <2%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-1470-300-2, 1470 nm, 300 mW, cw, stability <2%, PSU-FDA | | | 2.171,00 | 2.310,73 |
| RLTMDL-1470-500-2, 1470 nm, 500 mW, cw, stability <2%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-1470-1W-2, 1470 nm, 1 W, cw, stability <2%, PSU-FDA | | | 3.600,00 | 3.831,70 |
| RLTMDL-1470-2W-2, 1470 nm, 2 W, cw, stability <2%, PSU-FDA | | | 3.693,00 | 3.930,69 |
| RLTMDL-1470-3W-2, 1470 nm, 3 W, cw, stability <2%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMDL-1470R series DIODE CW ROUND BEAM | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-1470R-50-2, 1470 nm, 50 mW, cw, round beam, stability <2%, PSU-FDA | | | 2.743,00 | 2.919,54 |
| RLTMDL-1470R-100-2, 1470 nm, 100 mW, cw, round beam, stability <2%, PSU-FDA | | | 3.343,00 | 3.558,16 |
| RLTMDL-1470R-150-2, 1470 nm, 150 mW, cw, round beam, stability <2%, PSU-FDA | | | 3.693,00 | 3.930,69 |

LASER SYSTEMS IR - 1532 nm



Diode Laser Systems

| 90-240 VAC power supply included
 | CW operation
 | **Options:** Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

1532 nm

| RLTMDL-1532 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-1532-100-2, 1532 nm, 100 mW, cw, stability <2%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-1532-300-2, 1532 nm, 300 mW, cw, stability <2%, PSU-FDA | | | 2.171,00 | 2.310,73 |
| RLTMDL-1532-500-2, 1532 nm, 500 mW, cw, stability <2%, PSU-FDA | | | 2.352,00 | 2.503,38 |
| RLTMDL-1532-1W-2, 1532 nm, 1 W, cw, stability <2%, PSU-FDA | | | 3.600,00 | 3.831,70 |
| RLTMDL-1532-2W-2, 1532 nm, 2 W, cw, stability <2%, PSU-FDA | | | 3.693,00 | 3.930,69 |

LASER SYSTEMS IR - 1550 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW and pulsed systems available

| Options: Fiber coupling, modulation, adj. output power, high stability, low noise, narrow linewidth, remote control

1550 nm

| RLTMDL-1550 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-1550-100-3, 1550 nm, 100 mW cw, stability <3%, PSU-FDA | | | 1.719,00 | 1.829,64 |
| RLTMDL-1550-300-3, 1550 nm, 300 mW cw, stability <3%, PSU-FDA | | | 1.900,00 | 2.022,29 |
| RLTMDL-1550-500-3, 1550 nm, 500 mW cw, stability <3%, PSU-FDA | | | 2.171,00 | 2.310,73 |
| RLTMDL-1550-1W-2, 1550 nm, 1 W, cw, stability <2%, PSU-FDA | | | 3.600,00 | 3.831,70 |
| RLTMDL-1550-2W-2, 1550 nm, 2 W, cw, stability <2%, PSU-FDA | | | 3.693,00 | 3.930,69 |
| RLTMDL-1550-3W-2, 1550 nm, 3 W, cw, stability <2%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMDL-1550R series DIODE CW ROUND BEAM | Status | MOQ | EUR / pc | USD / pc |
| RLTMDL-1550R-50-2, 1550 nm, 50 mW, cw, round beam, stability <2%, PSU-FDA | | | 3.693,00 | 3.930,69 |
| RLTMDL-1550R-100-2, 1550 nm, 100 mW, cw, round beam, stability <2%, PSU-FDA | | | 4.086,00 | 4.348,98 |
| RLTMDL-1550R-200-2, 1550 nm, 200 mW, cw, flat top beam, stability <2%, PSU-FDA | | | 4.798,00 | 5.106,81 |

LASER SYSTEMS IR - 1645 nm



Diode Pumped Solid State Laser Systems

| 90-240 VAC power supply included

| CW operation

| Options: Fibercoupling, modulation, adj. output power, high stability, remote control

1413 nm

| RLTMIL-1645 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMIL-1645-100-5, 1645 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 14.362,00 | 15.286,37 |
| RLTMIL-1645-300-5, 1645 nm, 300 mW, cw, stability <5%, PSU-FDA | | | 15.154,00 | 16.129,34 |
| RLTMIL-1645-500-5, 1645 nm, 500 mW, cw, stability <5%, PSU-FDA | | | 16.838,00 | 17.921,73 |
| RLTMIL-1645-800-5, 1645 nm, 800 mW, cw, stability <5%, PSU-FDA | | | 18.522,00 | 19.714,11 |
| RLTMIL-1645-1W-5, 1645 nm, 1 W, cw, stability <5%, PSU-FDA | | | 21.890,00 | 23.298,88 |

LASER SYSTEMS IR - 1870 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW operation mode

| Options: Fiber coupling, modulation, adj. output power, high stability, remote control

1870 nm

| RLTMDL-1870 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-1870-100-3, 1870 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMDL-1870-200-3, 1870 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMDL-1870-300-3, 1870 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTMDL-1870-500-3, 1870 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 8.079,00 | 8.598,98 |
| RLTMDL-1870-800-3, 1870 nm, 800 mW, cw, stability <3%, PSU-FDA | | | 8.977,00 | 9.554,78 |

LASER SYSTEMS IR - 1900 nm



Diode Laser Systems

| 90-240 VAC power supply included

| CW operation mode

| Options: Fiber coupling, modulation, adj. output power, high stability, remote control

1900 nm

| RLTMDL-1900 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-1900-100-3, 1900 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMDL-1900-200-3, 1900 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMDL-1900-300-3, 1900 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTMDL-1900-500-3, 1900 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 8.079,00 | 8.598,98 |
| RLTMDL-1900-800-3, 1900 nm, 800 mW, cw, stability <3%, PSU-FDA | | | 8.977,00 | 9.554,78 |

LASER SYSTEMS IR - 1910 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, remote control

1910 nm

| RLTMIL-1910 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMIL-1910-200-3, 1910 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMIL-1910-300-3, 1910 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTMIL-1910-600-3, 1910 nm, 600 mW, cw, stability <3%, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTMIL-1910-1W-5, 1910 nm, 1 W, cw, stability <5%, PSU-FDA | | | 16.838,00 | 17.921,73 |
| RLTMIL-1910-3W-5, 1910 nm, 3 W, cw, stability <5%, PSU-FDA | | | 20.206,00 | 21.506,50 |
| RLTMIL-1910-5W-5, 1910 nm, 5 W, cw, stability <5%, PSU-FDA | | | 23.573,00 | 25.090,20 |
| RLTMIL-1910-10W-5, 1910 nm, 10 W, cw, stability <5%, PSU-FDA | | | 30.309,00 | 32.259,75 |
| RLTMIL-1910-13W-5, 1910 nm, 13 W, cw, stability <5%, PSU-FDA | | | 33.676,00 | 35.843,45 |

LASER SYSTEMS IR - 1940 nm DIODE



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation mode
- | Options: Fiber coupling, modulation, adj. output power, high stability, remote control

1940 nm

| RLTMDL-1940 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-1940-100-3, 1940 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMDL-1940-200-3, 1940 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMDL-1940-300-3, 1940 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTMDL-1940-500-3, 1940 nm, 500 mW, cw, stability <3%, PSU-FDA | | | 8.079,00 | 8.598,98 |
| RLTMDL-1940-800-3, 1940 nm, 800 mW, cw, stability <3%, PSU-FDA | | | 8.977,00 | 9.554,78 |

LASER SYSTEMS IR - 1940 nm DPSS



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, remote control

1940 nm

| RLTMIL-1940 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMIL-1940-200-3, 1940 nm, 200 mW, cw, stability <3%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMIL-1940-300-3, 1940 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTMIL-1940-600-3, 1940 nm, 600 mW, cw, stability <3%, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTMIL-1940-1W-5, 1940 nm, 1 W, cw, stability <5%, PSU-FDA | | | 16.838,00 | 17.921,73 |
| RLTMIL-1940-3W-5, 1940 nm, 3 W, cw, stability <5%, PSU-FDA | | | 20.206,00 | 21.506,50 |
| RLTMIL-1940-5W-5, 1940 nm, 5 W, cw, stability <5%, PSU-FDA | | | 23.573,00 | 25.090,20 |
| RLTMIL-1940-10W-5, 1940 nm, 10 W, cw, stability <5%, PSU-FDA | | | 30.309,00 | 32.259,75 |
| RLTMIL-1940-13W-5, 1940 nm, 13 W, cw, stability <5%, PSU-FDA | | | 33.676,00 | 35.843,45 |

LASER SYSTEMS IR - 1985/1990 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW operation
- | Options: Fiber coupling, modulation, adj. output power, high stability, remote control

1985/1990 nm

| RLTMIL-1985 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMIL-1985-200-5, 1985 nm, 200 mW, cw, stability <5%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMIL-1985-400-5, 1985 nm, 400 mW, cw, stability <5%, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTMIL-1985-600-5, 1985 nm, 600 mW, cw, stability <5%, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTMIL-1985-1W-5, 1985 nm, 1 W, cw, stability <5%, PSU-FDA | | | 16.838,00 | 17.921,73 |
| RLTMIL-1985-3W-5, 1985 nm, 3 W, cw, stability <5%, PSU-FDA | | | 20.206,00 | 21.506,50 |
| RLTMIL-1985-5W-5, 1985 nm, 5 W, cw, stability <5%, PSU-FDA | | | 23.573,00 | 25.090,20 |
| RLTMIL-1985-10W-5, 1985 nm, 10 W, cw, stability <5%, PSU-FDA | | | 30.309,00 | 32.259,75 |

| RLTMIL-1990 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMIL-1990-200-5, 1990 nm, 200 mW, cw, stability <5%, PSU-FDA | | | 8.976,00 | 9.553,71 |
| RLTMIL-1990-400-5, 1990 nm, 400 mW, cw, stability <5%, PSU-FDA | | | 10.771,00 | 11.464,24 |
| RLTMIL-1990-600-5, 1990 nm, 600 mW, cw, stability <5%, PSU-FDA | | | 12.567,00 | 13.375,84 |
| RLTMIL-1990-1W-5, 1990 nm, 1 W, cw, stability <5%, PSU-FDA | | | 16.838,00 | 17.921,73 |
| RLTMIL-1990-3W-5, 1990 nm, 3 W, cw, stability <5%, PSU-FDA | | | 20.206,00 | 21.506,50 |
| RLTMIL-1990-5W-5, 1990 nm, 5 W, cw, stability <5%, PSU-FDA | | | 23.573,00 | 25.090,20 |
| RLTMIL-1990-10W-5, 1990 nm, 10 W, cw, stability <5%, PSU-FDA | | | 30.309,00 | 32.259,75 |

LASER SYSTEMS IR - 2096 nm



Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fibercoupling, modulation, adj. output power, high stability, remote control

2096 nm

| RLTMIL-2096 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMIL-2096-1W-3, 2096 nm, 1 W, cw, stability <3%, PSU-FDA | | | 16.838,00 | 17.921,73 |
| RLTMIL-2096-2W-3, 2096 nm, 2 W, cw, stability <3%, PSU-FDA | | | 20.206,00 | 21.506,50 |
| RLTMIL-2096-3W-3, 2096 nm, 3 W, cw, stability <3%, PSU-FDA | | | 25.257,00 | 26.882,59 |

LASER SYSTEMS IR - 2200 nm



Diode Laser Systems

- | 90-240 VAC power supply included
- | CW operation mode
- | Options: Fiber coupling, modulation, adj. output power, high stability, low noise, remote control

2200 nm

| RLTMDL-2200 series DIODE CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RLTMDL-2200-50-3, 2200 nm, 50 mW, cw, stability <3%, PSU-FDA | | | 5.757,00 | 6.127,53 |
| RLTMDL-2200-100-3, 2200 nm, 100 mW, cw, stability <3%, PSU-FDA | | | 6.717,00 | 7.149,32 |
| RLTMDL-2200-300-3, 2200 nm, 300 mW, cw, stability <3%, PSU-FDA | | | 7.676,00 | 8.170,04 |
| RLTMDL-2200-400-3, 2200 nm, 400 mW, cw, stability <3%, PSU-FDA | | | 8.079,00 | 8.598,98 |

LASER SYSTEMS MID IR - 3800 nm



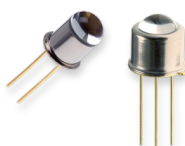
Diode Pumped Solid State Laser Systems

- | 90-240 VAC power supply included
- | CW and pulsed systems available
- | Options: Fibercoupling, modulation, adj. output power, high stability, remote control

3800 nm

| RLTMPL-3800 series DPSS CW | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|-----------|-----------|
| RLTMIL-3800-100-5, 3800 nm, 100 mW, cw, stability <5%, PSU-FDA | | | 42.095,00 | 44.804,32 |
| RLTMIL-3800-200-5, 3800 nm, 200 mW, cw, stability <5%, PSU-FDA | | | 43.779,00 | 46.596,70 |
| RLTMIL-3800-500-5, 3800 nm, 500 mW, cw, stability <5%, PSU-FDA | | | 47.147,00 | 50.181,47 |
| RLTMIL-3800-1W-5, 3800 nm, 1 W, cw, stability <5%, PSU-FDA | | | 53.882,00 | 57.349,95 |

LEDS - THROUGH HOLE - DEEP UV



Through Hole LEDs

- 3mm, 5mm, TO18 or TO39 can
- quartz glass lens
- water purification / disinfection / phototherapy
- DNA sequencing, Blood Gas Measurements

| LEDs Through Hole DEEP-UV 255 - 340 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|---------|----------|----------|
| 255 nm | | | | |
| UVTOP250-HL-TO39, 255 ±5 nm, 0.3 mW, 20 mA, TO-39, hemispherical lens | | 10 pcs. | 445,00 | 473,64 |
| UVTOP250-FW-TO39, 255 ±5 nm, 20 mA, TO-39, flat window | | 10 pcs. | 697,80 | 742,71 |
| UVTOP250-BL-TO39, 255 ±5 nm, 20 mA, TO-39, ball lens | | 10 pcs. | 756,10 | 804,76 |
| 265 nm | | | | |
| UVTOP260-HL-TO39, 265 ±5 nm, 0.6 mW, 20 mA, TO-39, hemispherical lens | | 10 pcs. | 301,10 | 320,48 |
| UVTOP260-FW-TO39, 265 ±5 nm, 20 mA, TO-39, flat window | | 10 pcs. | 607,10 | 646,17 |
| UVTOP260-BL-TO39, 265 ±5 nm, 20 mA, TO-39, ball lens | | 10 pcs. | 714,00 | 759,95 |

| | | | |
|---|------------|--------|--------|
| 270 nm | | | |
| UVTOP265-HL-TO39, 270 ±5 nm, 0.6 mW, 20 mA, TO-39, hemispherical lens | | 241,90 | 257,47 |
| 275 nm | | | |
| UVTOP270-HL-TO39, 275 ±5 nm, 0.6 mW, 20 mA, TO-39, hemispherical lens | 10 pcs. | 212,00 | 225,64 |
| UVTOP270-FW-TO39, 275 ±5 nm, 20 mA, TO-39, flat window | 10 pcs. | 485,70 | 516,96 |
| UVTOP270-BL-TO39, 275 ±5 nm, 20 mA, TO-39, ball lens | 10 pcs. | 686,50 | 730,68 |
| 280 nm | | | |
| DUV280-FW18, 280 ±5 nm, 1.2 mW, 20 mA, ±55°, TO-18, flat window | EOL | 131,14 | 139,58 |
| 285 nm | | | |
| UVTOP280-HL-TO39, 285 ±5 nm, 0.7 mW, 20 mA, TO-39, hemispherical lens | 10 pcs. | 212,00 | 225,64 |
| UVTOP280-FW-TO39, 285 ±5 nm, 20 mA, TO-39, flat window | 10 pcs. | 474,40 | 504,93 |
| UVTOP280-BL-TO39, 285 ±5 nm, 20 mA, TO-39, ball lens | 10 pcs. | 688,00 | 732,28 |
| 295 nm | | | |
| UVTOP290-HL-TO39, 295 ±5 nm, 20 mA, TO-39, hemispherical lens | 10 pcs. | 509,90 | 542,72 |
| UVTOP290-FW-TO39, 295 ±5 nm, 20 mA, TO-39, flat window | 10 pcs. | 425,81 | 453,22 |
| UVTOP290-BL-TO39, 295 ±5 nm, 20 mA, TO-39, ball lens | 10 pcs. | 607,10 | 646,17 |
| 310 nm | | | |
| UVTOP305-HL-TO39, 310 ±5 nm, 20 mA, TO-39, hemispherical lens | 10 pcs. | 485,71 | 516,97 |
| UVTOP305-FW-TO39, 310 ±5 nm, 20 mA, TO-39, flat window | 10 pcs. | 412,90 | 439,48 |
| UVTOP305-BL-TO39, 310 ±5 nm, 20 mA, TO-39, ball lens | 10 pcs. | 534,30 | 568,69 |
| DUV310-OC39, 310 ±5 nm, 2.0 mW, 20 mA, ±72°, TO-39, open can | | 72,90 | 77,59 |
| DUV310-FW5, 310 ±5 nm, 1.5 mW, 20 mA, ±58°, TO-39, flat window | | 80,90 | 86,11 |
| DUV310-FW18, 310 ±5 nm, 1.2 mW, 20 mA, ±55°, TO-18, flat window | | 80,90 | 86,11 |
| DUV310-HL5N, 310 ±5 nm, 0.8 mW, 20 mA, ±3°, TO-39, hemispherical lens | | 90,70 | 96,54 |
| DUV310-HL46N, 310 ±5 nm, 0.9 mW, 20 mA, ±3°, TO-46S, hemispherical lens | | 90,70 | 96,54 |
| DUV310-HL18M, 310 ±5 nm, 1.2 mW, 20 mA, ±12°, TO-18, hemispherical lens | | 90,70 | 96,54 |
| DUV310-HL18W, 310 ±5 nm, 1.3 mW, 20 mA, ±20°, TO-18, hemispherical lens | | 90,70 | 96,54 |
| 325 nm | | | |
| DUV325-OC39, 325 ±5 nm, 2.0 mW, 20 mA, ±72°, TO-39, open can | | 72,90 | 77,59 |
| DUV325-FW5, 325 ±5 nm, 1.7 mW, 20 mA, ±58°, TO-39, flat window | | 80,90 | 86,11 |
| DUV325-FW18, 325 ±5 nm, 1.2 mW, 20 mA, ±55°, TO-18, flat window | | 80,90 | 86,11 |
| DUV325-HL5N, 325 ±5 nm, 0.9 mW, 20 mA, ±3°, TO-39, hemispherical lens | | 90,70 | 96,54 |
| DUV325-HL46N, 325 ±5 nm, 1.0 mW, 20 mA, ±3°, TO-46S, hemispherical lens | | 90,70 | 96,54 |
| DUV325-HL18M, 325 ±5 nm, 1.5 mW, 20 mA, ±12°, TO-18, hemispherical lens | | 90,70 | 96,54 |
| DUV325-HL18W, 325 ±5 nm, 1.4 mW, 20 mA, ±20°, TO-18, hemispherical lens | | 90,70 | 96,54 |
| 340 nm | | | |
| UVLED340-TF, 340 nm, 50 µW, 20 mA, 90°, TO-18 | | 18,50 | 19,69 |
| DUV340-OC39, 340 ±5 nm, 2.0 mW, 20 mA, ±72°, TO-39, open can | | 72,90 | 77,59 |
| DUV340-FW5, 340 ±5 nm, 1.7 mW, 20 mA, ±58°, TO-39, flat window | | 80,90 | 86,11 |
| DUV340-FW18, 340 ±5 nm, 1.3 mW, 20 mA, ±55°, TO-18, flat window | | 80,90 | 86,11 |
| DUV340-HL5N, 340 ±5 nm, 1.0 mW, 20 mA, ±3°, TO-39, hemispherical lens | | 90,70 | 96,54 |
| DUV340-HL46N, 340 ±5 nm, 0.9 mW, 20 mA, ±3°, TO-46S, hemispherical lens | | 90,70 | 96,54 |
| DUV340-HL18M, 340 ±5 nm, 1.3 mW, 20 mA, ±12°, TO-18, hemispherical lens | | 90,70 | 96,54 |
| DUV340-HL18W, 340 ±5 nm, 1.3 mW, 20 mA, ±20°, TO-18, hemispherical lens | | 90,70 | 96,54 |

LEDS - THROUGH HOLE - UV



UV-LEDs
different packages: 3 mm and 5 mm clear epoxy,
TO packages and SMD packages

| LEDs Through Hole UV 355 - 400 nm | Status | MOQ | EUR / pc | USD / pc |
|--|------------|-----|----------|----------|
| 355 nm | | | | |
| XSL-355-TF, 355 nm, 0.5 mW, 20 mA, 100°, TO-46 with flat glass window | | | 6,28 | 6,68 |
| XSL-355-TF4, 355 nm, 1.0 mW, 20 mA, 100°, TO-46 with flat window | | | 9,21 | 9,80 |
| XSL-355-TB, 355 nm, 0.7 mW, 20 mA, 10°, TO-46 with glass ball lens | | | 9,21 | 9,80 |
| XSL-355-3E-R6, 355 nm, 2.4-4.0 mW, 20 mA, 30°, 3 mm clear UV-resistant epoxy | | | 9,01 | 9,59 |
| XSL-355-5E-R6, 355 nm, 1.8-2.4 mW, 20 mA, 15°, 5 mm clear UV-resistant epoxy | | | 9,01 | 9,59 |
| 360 nm | | | | |
| XSL-360-TF, 360 nm, 1.0 mW, 20 mA, 100°, TO-46 with flat window | | | 8,40 | 8,94 |
| XSL-360-TB, 360 nm, 0.7 mW, 20 mA, 10°, TO-46 with glass ball lens | | | 8,39 | 8,93 |
| XSL-360-3E, 360 nm, 1.2-1.8 mW, 20 mA, 30°, 3 mm clear UV-resistant epoxy | | | 7,40 | 7,88 |
| XSL-360-5E, 360 nm, 1.2-1.8 mW, 20 mA, 15°, 5 mm clear UV-resistant epoxy | | | 7,40 | 7,88 |
| RLT360-1.5-30-3CC, 361 nm, 1.5 mW, 3x20 mA, 3 chips ~30°, 5 mm clear epoxy | EOL | | 5,58 | 5,94 |
| 365 nm | | | | |
| XSL-365-TF, 365 nm, 0.6-0.8 mW, 20 mA, 100°, TO-46 with flat glass window | EOL | | 6,13 | 6,52 |
| XSL-365-TF5, 365 nm, 1.5 mW, 20 mA, 100°, TO-46 with flat glass window | | | 7,20 | 7,66 |
| XSL-365-TB, 365 nm, 0.6-0.8 mW, 20 mA, 10°, TO-46 with glass ball lens | EOL | | 6,13 | 6,52 |
| XSL-365-TB4, 365 nm, 1.0 mW, 20 mA, 10°, TO-46 with glass ball lens | | | 7,20 | 7,66 |
| XSL-365-3E, 365 nm, 4.0-6.0 mW, 20 mA, 30°, 3 mm clear UV-resistant epoxy | | | 5,46 | 5,81 |

| | | |
|---|------------|-------------|
| XSL-365-5E, 365 nm, 4.0-6.0 mW, 20 mA, 15°, 5 mm UV resistant clear epoxy (silicone) | 5,48 | 5,83 |
| XRL-365-5E, 365 nm, 11-14.0 mW, 20 mA, 40°, 5 mm clear UV-resistant epoxy | 9,15 | 9,74 |
| XSL-365-5F, 365 nm, 4.0-6.0 mW, 20 mA, 100°, 5 mm UV resistant clear epoxy (silicone) | 5,48 | 5,83 |
| RV1-365-15-5, 365 nm, 4 mW, 20 mA, 15°, 5 mm clear epoxy | 2,26 | 2,41 |
| UVLED365-11E, 365 nm, 4.0 mW, 20 mA, 10°, TO-46 with glass ball lens | 5,78 | 6,15 |
| UVLED365-111E, 365 nm, 5.0 mW at 20 mA, 110°, TO-46 with flat glass window | 5,98 | 6,36 |
| RLT365-10, 365 nm, 1.2 mW, 20 mA, 10°, aluminium housing with UV cut-off filter | EOL | 38,00 40,45 |

| | | |
|--|-------|-------|
| RLT365-11E, 365 nm, 4 mW, 20 mA, 10°, aluminium housing with UV cut-off filter | 50,20 | 53,43 |
| RLT365-110E, 365 nm, 1.7 mW, 20 mA, 100°, aluminium housing with UV cut-off filter | 50,20 | 53,43 |
| LED365-01Z, 365 nm, 5.5 mW, 20 mA, 18°, 5 mm clear UV-resistant epoxy | 7,31 | 7,78 |
| LED365-06Z, 365 nm, 5.5 mW, 20 mA, 8°, 5 mm clear UV-resistant epoxy | 6,98 | 7,43 |
| 370 nm | | |
| XSL-370-TF5, 370 nm, 1.2-1.8 mW, 20 mA, 100°, TO-46 with flat glass window | 4,10 | 4,36 |
| XSL-370-TB4, 370 nm, 0.8-1.2 mW, 20 mA, 10°, TO-46 with glass ball lens | EOL | 4,79 |
| XSL-370-TB5, 370 nm, 1.2-1.8 mW, 20 mA, 10°, TO-46 with glass ball lens | 5,52 | 5,88 |
| XSL-370-3E, 370 nm, 6.0-8.4 mW, 20 mA, 30°, 3 mm clear UV-resistant epoxy | 4,38 | 4,66 |
| XSL-370-5E, 370 nm, 6.0-8.4 mW, 20 mA, 15°, 5 mm clear UV-resistant epoxy | 4,38 | 4,66 |
| VL370-5-15, 370 nm, 2.0-4.0 mW, 20 mA, 15°, 5 mm clear epoxy | 3,14 | 3,34 |
| VL370-TH-45, 370 nm, 1.4-2.0 mW, 20 mA, 45°, 5 mm clear epoxy | EOL | 3,34 |
| RLT370-TO-18, 370 nm, 400 µW, 20 mA, 15°, TO-18 with glass ball lens | EOL | 6,06 |
| RLS-UV370, 370 nm, 500 µW, 20 mA, 15°, TO-18 with cap lens | EOL | 2,86 |
| RLS-UV370E, 370 nm, 1 mW, 20 mA, 20°, 5 mm clear epoxy | 5,75 | 6,12 |
| RLT370-10E, 370 nm, 4.7 mW, 20 mA, 10°, aluminium housing with UV cut off-filter | 50,20 | 53,43 |
| RLT370-110, 370 nm, 2.0 mW, 20 mA, 110°, aluminium housing with UV cut off-filter | EOL | o.r. |
| UVLED370-11E, 370 nm, 8.5 mW, 20 mA, 10°, TO-46 with glass ball lens | 4,94 | 5,26 |
| UVLED370-111E, 370 nm, 12.0 mW at 20 mA, 110°, TO-46 with flat glass window | 4,94 | 5,26 |
| 375 nm | | |
| XSL-375-TF-R2, 375 nm, 4-6 mW, 20 mA, 100°, TO-46 with flat window | 5,32 | 5,66 |
| XSL-375-TB4, 375 nm, 0.8-1.2 mW, 20 mA, 10°, TO-46 with glass ball lens | 3,32 | 3,53 |
| XSL-375-TB6, 375 nm, 1.8-2.4 mW, 20 mA, 10°, TO-46 with glass ball lens | 5,32 | 5,66 |
| XSL-375-3E, 375 nm, 14-17 mW, 20 mA, 30°, 3 mm clear UV-resistant epoxy | 4,38 | 4,66 |
| XSL-375-5E, 375 nm, 6 mW, 20 mA, 15°, 5 mm clear UV-resistant mold | 2,52 | 2,68 |
| XSL-375-5E-R4, 375 nm, 11-14 mW, 20 mA, 15°, 5 mm clear UV-resistant mold | 4,38 | 4,66 |
| XRL-375-5E, 375 nm, 17.4-25.0 mW, 20 mA, 40°, 5 mm clear UV-resistant epoxy | 6,08 | 6,47 |
| LED375-04, 375 nm, 2.5 mW, 20 mA, ±20°, 5 mm clear UV-resistant epoxy | 4,82 | 5,13 |
| LED375-06, 375 nm, 2.5 mW, 20 mA, ±4°, 5 mm clear UV-resistant epoxy | 4,99 | 5,31 |
| LED375-33, 375 nm, 7 mW, 20 mA, ±8°, 3 mm clear UV-resistant epoxy | 4,82 | 5,13 |
| RV2-375-15-5, 375 nm, 4.5 mW, 20 mA, 15°, 5 mm clear epoxy | 2,16 | 2,30 |
| B5M-447-375S, 375 nm, 4 mW, 20 mA, 15°, 5 mm clear UV-resistant epoxy | 2,60 | 2,77 |
| UVLED375-10-30, 375 nm, 15 mW, 15 mA, ±20°, 5 mm clear UV-resistant mold | 2,90 | 3,09 |
| 380 nm | | |
| B5M-447-380S, 380 nm, 5 mW, 20 mA, 15°, 5 mm clear UV-resistant epoxy | 1,18 | 1,26 |
| VL380-5-15, 380 nm, 4.0-7.0 mW, 20 mA, 15°, 5 mm clear epoxy | 1,96 | 2,09 |
| RLS-UV380, 380 nm, 8.0-12.0 mW, 20 mA, 20°, 5 mm clear epoxy | 1,40 | 1,49 |
| E1L5M-4POA2-01, 385 nm, 1.5-2.3 mW, 20 mA, 16°, TO-46 ball lens | 2,98 | 3,17 |
| RLS-UV385, 385 nm, 2 mW, 20 mA, 30°, 5 mm clear epoxy | EOL | 1,03 |
| RLU385-2-30, 385 nm, 2 mW, 20 mA, 30°, 5 mm clear epoxy | EOL | 2,07 |
| 385D30, 385 nm, FWHM 15 nm, 30°, 3-5 mW, 5 mm clear epoxy | EOL | 1,63 |
| 385 nm | | |
| RV3-385-15-5, 385 nm, 8 mW, 20 mA, 15°, 5 mm clear epoxy | 2,06 | 2,19 |
| LED385-03, 385 nm, 18 mW, 20 mA, 18°, 5 mm clear UV-resistant epoxy | 4,82 | 5,13 |
| LED385-33, 385 nm, 18 mW, 20 mA, ±6°, 3 mm clear UV-resistant epoxy | 4,82 | 5,13 |
| 390 nm | | |
| VL390-5-15, 390 nm, 8.1-11.5 mW, 20 mA, 15°, 5 mm clear epoxy | 1,33 | 1,42 |
| HUUUV-5102L, 393 nm, FWHM 13 nm, 20°, 2 mW, 5 mm clear epoxy | EOL | 0,62 |
| 395 nm | | |
| RLS-UV395, 395 nm, 10-18 mW, 20 mA, 20°, 5 mm clear epoxy | 0,68 | 0,72 |
| B3B-447-CVD, 395 nm, 15 mcd, 20 mA, 30°, 3 mm clear epoxy | 1,95 | 2,08 |
| LED395-33, 395 nm, 18 mW, 20 mA, 16°, 3 mm clear UV-resistant epoxy | 4,36 | 4,64 |
| LED395-01, 395 nm, 18 mW, 20 mA, 14°, 5 mm clear UV-resistant epoxy | 4,36 | 4,64 |
| RV4-395-15-5, 395 nm, 12 mW, 20 mA, 15°, 5 mm clear epoxy | 1,50 | 1,60 |
| XRL-395-5O, 395 nm, 21-29 mW, 25 mA, 15°, 5 mm clear epoxy | 8,18 | 8,71 |
| 400 nm | | |
| RLS-UV400, 400 nm, 7-10 mW, 20 mA, 15°, 5 mm clear epoxy | 0,30 | 0,32 |
| LLS-UV400, 400 nm, 18-23 mW, 20 mA, 15°, 5 mm clear epoxy | 2,45 | 2,61 |
| VL400-5-15, 400 nm, 8.1-11.5 mW, 20 mA, 15°, 5 mm clear epoxy | 1,33 | 1,42 |
| XRL-400-5O, 400 nm, 21-29 mW, 25 mA, 15°, 5 mm clear epoxy | 8,18 | 8,71 |
| XRL-400-5E, 400 nm, 21-29 mW, 25 mA, 40°, 5 mm clear epoxy | 8,18 | 8,71 |

LEDs - THROUGH HOLE - VISIBLE



UV-LEDs
different packages: 3 mm and 5 mm clear epoxy,
TO packages and SMD packages

| LEDs Through Hole WHITE | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| GaN | | | | |
| M5DLS1C1A, warm white, 3000K, 1.3 cd, 20 mA, 120°, SMD 3.2 x 2.8 mm | | | 1,20 | 1,28 |
| W5DLS1C1A, white, 10000K, 1.9 cd, 20 mA, 120°, PLCC2 SMD 3.2 x 2.8 mm | | | 1,20 | 1,28 |
| B3B-440-LBS, white, 10.5 cd, 20 mA, 20°, 3 mm clear epoxy | | | 0,90 | 0,96 |
| B5-430-JD, white, 3.5 cd, 20 mA, 30°, 5 mm clear epoxy | | | 1,10 | 1,17 |
| HUWH-5101L, white, 3.7 cd, 20 mA, 5 mm clear epoxy | EOL | | 1,60 | 1,70 |
| HUWH-3101L, white, 3.7 cd, 20 mA, 3 mm clear epoxy | EOL | | 1,60 | 1,70 |
| 5W4HCA-P, white, 4.0-4.5 cd, 20 mA, 20°, 5 mm clear epoxy | EOL | | 1,10 | 1,17 |
| B5-43SUN-JD, warm white, (sunbeam) 4.5 cd, 20 mA, 30°, 5 mm clear epoxy | | | 1,10 | 1,17 |
| B5-43SUN-JB, warm white, (sunbeam) 6.0 cd, 20 mA, 20°, 5 mm clear epoxy | | | 1,10 | 1,17 |
| B5B-430-JB, white, 6.5 cd, 20 mA, 8°, 5 mm clear epoxy | | | 1,10 | 1,17 |
| 5W4HCA-H, white, 7.0-8.0 cd, 20 mA, 20°, 5 mm clear epoxy | EOL | | 1,62 | 1,72 |
| 5W4HCA-U, white, 13.0-15.0 cd, 20 mA, 20°, 5 mm clear epoxy | EOL | | 1,92 | 2,04 |
| RLS-5W-180-S, white, 18.0 cd, 20 mA, 15°, 5 mm clear epoxy | | | 2,04 | 2,17 |
| 5W4HCA-H20-16, white, 18-26 cd, 20 mA, 15 mil chip, 20°, 5 mm clear epoxy | EOL | | 2,34 | 2,49 |
| 5W4HCA-H30-16, white, 12-17 cd, 20 mA, 15 mil chip, 30°, 5 mm clear epoxy | EOL | | 2,34 | 2,49 |
| RLS-5W-200-S, white, 20.0 cd, 20 mA, 15°, 5 mm clear epoxy | | | 2,34 | 2,49 |
| 5W4HCA-H20, white, 20-25 cd, 20 mA, 15 mil chip, 20°, 5 mm clear epoxy | EOL | | 2,44 | 2,60 |
| 5W4HCA-H20-ULTRA, white, 27-33 cd, 30 mA, 15 mil chip, 20°, 5 mm clear epoxy | EOL | | 3,60 | 3,83 |
| PW5111A-Z3, white, 30-36 cd, 20 mA, 15°, x/y 0.31/0.30, 5 mm clear epoxy | EOL | | 3,70 | 3,94 |
| W57L5111P, white, 45-60 cd, 50 mA, 15°, 5 mm clear epoxy | | | 3,80 | 4,04 |
| W54L5111P, white, 75 cd, 50 mA, 15°, 5 mm clear epoxy | | | 3,80 | 4,04 |
| M57L5111P, warm white, 30-35 cd, 50 mA, 15°, 5 mm clear epoxy | | | 3,80 | 4,04 |
| ZnSe | | | | |
| RLZS-2012, white, 200-300mcd, 20 mA, Vf 2.65V, 150°, 2012 SMD | | | 1,49 | 1,59 |
| RGB | | | | |
| OS5-RGB-3S, RGB, 625/525/470 nm, 8/14/4 cd @ 20 mA, 30°, 5mm clear epoxy, 4-Pin | | | 1,85 | 1,97 |
| B5-4RGB-CBA, RGB, 625/525/470 nm, 20°, comm. +, 5 mm clear epoxy | | | 1,86 | 1,98 |

| LEDs Through Hole PHOSPHOR COATED | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  5 mm clear epoxy type LEDs based on blue LED with phosphor coating | | | | |
| K64L5111A, orchid, 8.4 cd, 20 mA, 15°, 5 mm clear epoxy | | | 2,98 | 3,17 |
| K7DL5111A, purple, 8.4 cd, 20 mA, 15°, 5 mm clear epoxy | | | 2,98 | 3,17 |
| B64L5111A, ice blue, 20 cd, 20 mA, 15°, 5 mm clear epoxy | | | 2,98 | 3,17 |
| C24L5111A, sky blue, 4.5 lm, 20 mA, 15°, 5 mm clear epoxy | | | 2,98 | 3,17 |
| C34L5111A, cyan, 6.7 lm, 20 mA, 15°, 5 mm clear epoxy | | | 2,98 | 3,17 |
| CM4L5111A, yolk, 8.2 lm, 20 mA, 15°, 5 mm clear epoxy | | | 2,98 | 3,17 |
| CG4L5111A, orange peach, 4.4 lm, 20 mA, 15°, 5 mm clear epoxy | | | 2,98 | 3,17 |
| CA4L5111A, magenta, 3.8 lm, 20 mA, 15°, 5 mm clear epoxy | | | 2,98 | 3,17 |

| LEDs Through Hole VIOLET 405 - 440 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| 405 nm | | | | |
| 5P4FCA, 405 nm, 3-4 mW, 20 mA, 20°, 5 mm clear epoxy | EOL | | 0,82 | 0,87 |
| RV5-405-8-5, 405 nm, 14 mW, 20 mA, 8°, 5 mm clear epoxy | | | 1,78 | 1,89 |
| RV5-405-15-5, 405 nm, 14 mW, 20 mA, 15°, 5 mm clear epoxy | | | 1,78 | 1,89 |
| RV5-405-3, 405 nm, 14 mW, 20 mA, 30°, 3 mm clear epoxy | | | 1,78 | 1,89 |
| LED405-01, 405 nm, 18 mW, 20 mA, 14°, 5 mm clear UV-resistant epoxy | | | 3,13 | 3,33 |
| LED405-02, 405 nm, 18 mW, 20 mA, 8°, 5 mm clear UV-resistant epoxy | | | 3,15 | 3,35 |
| LED405-03, 405 nm, 18 mW, 20 mA, 16°, 5 mm clear UV-resistant epoxy | | | 3,10 | 3,30 |
| LED405-33, 405 nm, 18 mW, 20 mA, 16°, 3 mm clear UV-resistant epoxy | | | 3,13 | 3,33 |
| LED405-30M32, 405 nm, 3 mW, 20 mA, ±15°, TO-18 lenscap | | | 5,60 | 5,96 |
| B5B-437-CV, 405 nm, FWHM 10 nm, ±8°, 5-7 mW, 5 mm clear epoxy | EOL | | 2,55 | 2,71 |
| B5-437-CVD, 405 nm, FWHM 10 nm, ±30°, 5-7 mW, 5 mm clear epoxy | | | 2,55 | 2,71 |
| LC503MUV1-30Q, 405 nm, FWHM 12 nm, 5-6 mW, 30°, 5 mm clear epoxy | | | 5,05 | 5,38 |
| 410 nm | | | | |
| VL410-5-15, 410 nm, 10.0-16.0 mW, 20 mA, 15°, 5 mm clear epoxy | | | 1,89 | 2,01 |
| RLS-410-3-25, 410 nm, 3 mW, 20 mA, 25°, 5 mm clear epoxy | | | 2,30 | 2,45 |
| 415 nm | | | | |

| | | | |
|---|-----|------|------|
| B5M-447-415S, 415 nm, 9 mW, 20 mA, 15°, 5 mm clear UV-resistant epoxy | | 1,62 | 1,72 |
| VL415-5-15, 415 nm, 10-16 mW, 20 mA, 15°, 5 mm clear epoxy | | 1,89 | 2,01 |
| VL415-3-20, 415 nm, 10-16 mW, 20 mA, 20°, 3 mm clear epoxy | EOL | 1,99 | 2,12 |
| 420 nm | | | |
| VL420-5-15, 420 nm, 10-16 mW, 20 mA, 15°, 5 mm clear epoxy | | 1,99 | 2,12 |
| LED420-01, 420 nm, 26 mW, 20 mA, ±8°, 5 mm clear UV-resistant epoxy | | 3,70 | 3,94 |
| LED420-33, 420 nm, 15 mW, 20 mA, ±13°, 3 mm clear UV-resistant epoxy | | 3,90 | 4,15 |
| 425 nm | | | |
| LED425-6-30, 425 nm, 6-8 mW, 20 mA, ±15°, 5 mm epoxy | | 3,23 | 3,44 |
| VL425-5-15, 425 nm, 10-16 mW, 20 mA, 15°, 5 mm clear epoxy | | 2,78 | 2,96 |
| VL425-3-20, 425 nm, 10-16 mW, 20 mA, 20°, 3 mm clear epoxy | EOL | 2,88 | 3,07 |
| 430 nm | | | |
| VL430-5-15, 430 nm, 10-16 mW, 20 mA, 15°, 5 mm clear epoxy | | 1,99 | 2,12 |
| LED430-01, 430 nm, 27 mW, 20 mA, 16°, 5 mm clear UV-resistant epoxy | | 3,83 | 4,08 |
| LED430-06, 430 nm, 27 mW, 20 mA, 8°, 5 mm clear UV-resistant epoxy | | 4,13 | 4,40 |
| LED430-05U, 430 nm, 10 mcd, 0.3 mW, 20 mA, ±40°, 5 mm epoxy | EOL | 1,20 | 1,28 |
| LED430-33L, 430 nm, 0.3 cd, 4.5 mW, 20 mA, 30°, 3 mm clear UV-resistant epoxy | EOL | 2,76 | 2,94 |
| LED430-33, 430 nm, 27 mW, 20 mA, 26°, 3 mm clear UV-resistant epoxy | | 3,90 | 4,15 |
| 435 nm | | | |
| LED435-6-30, 435 nm, 5-7 mW, 20 mA, ±15°, 5 mm epoxy | | 1,99 | 2,12 |
| LED435-12-30, 435 nm, 10-14 mW, 20 mA, ±15°, 5 mm epoxy | | 3,23 | 3,44 |
| LED435-01, 435 nm, 25 mW, 20 mA, 16°, 5 mm clear UV-resistant epoxy | | 3,83 | 4,08 |
| LED435-03, 435 nm, 25 mW, 20 mA, 18°, 5 mm clear UV-resistant epoxy | | 3,83 | 4,08 |
| 440 nm | | | |
| LED440-6-30, 440 nm, 6 mW, 20 mA, ±15°, 5 mm epoxy | EOL | 1,65 | 1,76 |
| VL440-5-15, 440 nm, 10.0-16.0 mW, 20 mA, 15°, 5 mm clear epoxy | | 1,89 | 2,01 |

| LEDs Through Hole BLUE 450 - 477 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| 450 nm | | | | |
| ELD-450-525, 450 nm, 5.2 cd, 20 mA, 20°, 5 mm clear epoxy | | | 1,89 | 2,01 |
| LED450-01, 450 nm, 24 mW, 20 mA, 16°, 5 mm UV-resistant clear epoxy | | | 2,28 | 2,43 |
| LED450-03, 450 nm, 24 mW, 20 mA, 18°, 5 mm clear epoxy | | | 2,07 | 2,20 |
| LED450-06, 450 nm, 20 mW, 4.5 cd, 20 mA, ±4°, 5 mm UV-resistant epoxy | | | 2,34 | 2,49 |
| LED450-33, 450 nm, 20 mW, 1.2 cd, 20 mA, ±13°, 3 mm clear epoxy | | | 2,61 | 2,78 |
| 465 nm | | | | |
| RLS-B465, 465 nm, 8cd, 20 mA ±15° 5 mm clear epoxy | | | 1,20 | 1,28 |
| 470 nm | | | | |
| B5B-437-IX, 470 nm, 3.8 cd, 20 mA, 8°, 5 mm clear epoxy | | | 1,20 | 1,28 |
| B3B-447-IX, 470 nm, 2 cd, 20 mA, 15°, 3 mm clear epoxy | | | 1,20 | 1,28 |
| LED470-01, 470 nm, 23 mW, 20 mA, ±9°, 5 mm clear epoxy | | | 2,07 | 2,20 |
| 475 nm | | | | |
| B56L5111P, 475 nm, 20-30 cd, 50 mA, 15°, 5 mm clear epoxy | | | 1,33 | 1,42 |
| RLS-5B475-S, 477 nm, 3.0-4.0 cd, 20 mA, 15°, 5 mm clear epoxy | | | 1,25 | 1,33 |

| LEDs Through Hole GREEN 490 - 545 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| 490 nm | | | | |
| LED490-03, 490 nm, 12 mW, 20 mA, 24°, 5 mm clear epoxy | | | 2,07 | 2,20 |
| LED490-33, 490 nm, 8 cd, 12 mW, 20 mA, 28°, 3 mm epoxy | | | 2,07 | 2,20 |
| 505 nm | | | | |
| B3B-443-B505, 505 nm, 4 cd, 20 mA, 15°, 3 mm clear epoxy | | | 1,05 | 1,12 |
| B5-433-B505, 505 nm, 7.0 cd, 20 mA, 5 mm, 15°, clear epoxy | | | 1,05 | 1,12 |
| B5B-433-B505, 505 nm, 8.0 cd, 20 mA, 5 mm, 8°, clear epoxy | | | 1,05 | 1,12 |
| ELD-510-524, 507 nm, 15 cd, 20 mA, 15°, 5 mm clear epoxy | | | 1,69 | 1,80 |
| 515 nm | | | | |
| LED515-10-30, 515 nm, 10 mW, 20 mA, ±15°, 5 mm clear epoxy | EOL | | 1,40 | 1,49 |
| G48A5111P, 515 nm, 100 cd, 50 mA, 15°, 5 mm clear epoxy | | | 3,98 | 4,24 |
| 525 nm | | | | |
| B3B-443-B525, 525 nm, 5.5 cd, 20 mA, 15°, 3 mm clear epoxy | | | 1,05 | 1,12 |
| B5-433-B525, 525 nm, 7.0-10.0 cd, 20 mA, 5 mm, 15°, clear epoxy | | | 1,15 | 1,22 |
| B5B-433-B525, 525 nm, 11.0 cd, 20 mA, 5 mm, 8°, clear epoxy | | | 1,05 | 1,12 |
| LED525-01, 525 nm, 20 cd, 9 mW, 20 mA, ±9°, 5 mm clear epoxy | | | 2,73 | 2,91 |
| LED525-33, 525 nm, 9 mW at 20 mA, ±14°, 3 mm clear epoxy | | | 2,73 | 2,91 |
| G58A5111P, 525 nm, 80-100 cd, 50 mA, 15°, 5 mm clear epoxy | | | 2,25 | 2,39 |
| 545 nm | | | | |
| LED545-01, 545 nm, 3.2 mW, 20 mA, ±8°, 5 mm clear epoxy | | | 4,73 | 5,03 |
| LED545-04, 545 nm, 3.2 mW, 20 mA, 30°, 5 mm clear epoxy | | | 4,73 | 5,03 |
| LED545-06, 545 nm, 3.2 mW, 20 mA, ±3°, 5 mm clear epoxy | | | 4,98 | 5,30 |

| LEDs Through Hole YELLOW 565 - 590 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| 565 nm | | | | |
| B5B-433-014, 565 nm, 0.8 cd, 20 mA, 8°, 5 mm clear epoxy | | | 0,78 | 0,83 |
| LED565-33U, 565 nm, 0.2 mW, 20 mA, ±26°, 3 mm clear epoxy | | | 0,60 | 0,64 |
| LED565-03U, 565 nm, 0.2 mW, 20 mA, ±16°, 5 mm clear epoxy | | | 0,60 | 0,64 |
| G7NU5111A, 566 nm, 1.1 cd, 20 mA, 15°, 5 mm clear epoxy | | | 1,49 | 1,59 |
| 570 nm | | | | |
| LED570-33, 570 nm, 0.75 mW, 20 mA, ±12°, 3 mm clear epoxy | | | 0,62 | 0,66 |
| LED570-03, 570 nm, 0.75 mW, 20 mA, 24°, 5 mm clear epoxy | | | 1,62 | 1,72 |
| G8HD3131E, 570 nm, 2.18 cd, 40 mA, 2 chips, 30°, 3 mm clear epoxy | | | 1,06 | 1,13 |
| B5B-433-20, 572 nm, 3.0 cd, 20 mA, 8°, 5 mm clear epoxy | | | 1,06 | 1,13 |
| B5-433-20, 572 nm, 2.5 cd, 20 mA, 15°, 5 mm clear epoxy | | | 1,06 | 1,13 |
| B5-433-20D, 572 nm, 1.7 cd, 20 mA, 30°, 5 mm clear epoxy | | | 1,06 | 1,13 |
| 590 nm | | | | |
| B5B-434-TY, 588 nm, 10.0 cd, 20 mA, 8°, 5 mm clear epoxy | | | 1,06 | 1,13 |
| CY5111A-WY, 590 nm, 22 cd (max. 25 cd), 20 mA, 15°, 5 mm clear epoxy | | | 1,24 | 1,32 |
| Y5CA5111P, 590 nm, 40-55 cd, 70 mA, 15°, 5 mm clear epoxy | | | 1,57 | 1,67 |
| 5Y3BCA-H, 590 nm, 4.0-4.5 cd, 20 mA, 20°, 5 mm clear epoxy | EOL | | 0,42 | 0,45 |
| LED590-33, 590 nm, 4 mW, 20 mA, 28°, 3 mm clear epoxy | | | 0,81 | 0,86 |
| LED590-03, 590 nm, 4 mW, 20 mA, 30°, 5 mm clear epoxy | | | 0,81 | 0,86 |

| LEDs Through Hole ORANGE 600 - 625 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| 600 nm | | | | |
| LED600-03, 600 nm, 6.5 cd, 5 mW, 20 mA, 26°, 5 mm clear epoxy | | | 1,62 | 1,72 |
| 605 nm | | | | |
| B3B-445-30S, 605 nm, 2.0 cd, 20 mA, 20°, 3 mm clear epoxy | | | 1,06 | 1,13 |
| B5-435-30S, 605 nm, 4.0 cd, 20 mA, 15°, 5 mm clear epoxy | | | 1,06 | 1,13 |
| B5B-435-30S, 605 nm, 5.0 cd, 20 mA, 8°, 5 mm clear epoxy | | | 1,06 | 1,13 |
| O5CA5111P, 605 nm, 40-55 cd, 70 mA, 15°, 5 mm clear epoxy | | | 1,82 | 1,94 |
| 610 nm | | | | |
| LED610-03, 610 nm, 7.5 cd, 8 mW, 20 mA, 30°, 5 mm clear epoxy | | | 1,17 | 1,25 |
| 615 nm | | | | |
| B3B-445-30, 615 nm, 2.0 cd, 20 mA, 20°, 3 mm clear epoxy | | | 1,06 | 1,13 |
| B5-435-30, 615 nm, 4.0 cd, 20 mA, 15°, 5 mm clear epoxy | | | 1,06 | 1,13 |
| B5B-435-30, 615 nm, 5.0 cd, 20 mA, 8°, 5 mm clear epoxy | | | 1,06 | 1,13 |
| 620 nm | | | | |
| 5RKA5111P, 620 nm, 70-80 cd, 70 mA, 15°, 5 mm clear epoxy | | | 1,68 | 1,79 |
| 625 nm | | | | |
| B3B-445-TL, 625 nm, 7 cd, 20 mA, 15°, 3 mm clear epoxy | | | 1,06 | 1,13 |
| B5-435-TL, 625 nm, 10 cd, 20 mA, 15°, 5 mm clear epoxy | | | 1,06 | 1,13 |
| B5B-435-TL, 625 nm, 12 cd, 20 mA, 8°, 5 mm clear epoxy | | | 1,06 | 1,13 |
| LED625-03, 625 nm, 9 mW, 20 mA, 26°, 5 mm clear epoxy | | | 0,99 | 1,05 |
| CR5111A-WY, 625 nm, 22 cd (max. 25 cd), 20 mA, 15°, 5 mm clear epoxy | | | 1,24 | 1,32 |
| R5CA5111P, 625 nm, 40-55 cd, 70 mA, 15°, 5 mm clear epoxy | | | 1,57 | 1,67 |
| 5RAA5111P, 625 nm, 60-75 cd, 60 mA, 15°, 5 mm clear epoxy | | | 1,68 | 1,79 |

| LEDs Through Hole RED 630 - 700 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| 630 nm | | | | |
| LED630-03, 630 nm, 12 mW, 20 mA, 28°, 5 mm epoxy | | | 1,17 | 1,25 |
| 645 nm | | | | |
| LED645-03, 645 nm, 11 mW, 20 mA, 24°, 5 mm epoxy | | | 1,17 | 1,25 |
| 650 nm | | | | |
| ELD-650-523, 650 nm, 1 cd, 20 mA, 20°, 5 mm clear epoxy | | | 3,30 | 3,51 |
| 655 nm | | | | |
| RLS-655-3-25, 655 nm, 3 mW, 20 mA, 25°, 5 mm clear epoxy | | | 2,30 | 2,45 |
| 660 nm | | | | |
| B3B-446-30, 660 nm, 2.1 cd, 20 mA, 20°, 3 mm clear epoxy | | | 1,06 | 1,13 |
| B5B-436-30, 660 nm, 3.5 cd, 20 mA, 8°, 5 mm clear epoxy | | | 1,06 | 1,13 |
| B5-436-30D, 660 nm, 1.3 cd, 20 mA, 30°, 5 mm clear epoxy | | | 1,06 | 1,13 |
| LED660N-03, 660 nm, 2.4 cd, 15 mW, 20 mA, ±12°, 5 mm clear epoxy | | | 1,62 | 1,72 |
| 670 nm | | | | |
| ELD-670-524, 670 nm, 3.5 mW, 20 mA, 20°, 5 mm clear epoxy | | | 4,33 | 4,61 |
| LED670-01V, 670 nm, 7 mW, 20 mA, 20°, 5 mm epoxy | | | 3,98 | 4,24 |
| 680 nm | | | | |
| LED680-4-30, 680 nm, 4-5 mW, 20 mA, ±15°, 5 mm clear epoxy | | | 3,40 | 3,62 |
| LED680-01AU, 680 nm, 25 mW/sr, 4 mW, 20 mA, ±10°, 5 mm clear epoxy | | | 3,98 | 4,24 |
| LED680-02AU, 680 nm, 25 mW/sr, 4 mW, 20 mA, ±7°, 5 mm clear epoxy | | | 3,98 | 4,24 |
| LED680-33AU, 680 nm, 5.8 mW, 20 mA, ±16°, 3 mm clear epoxy | | | 3,80 | 4,04 |
| ELD-680-524, 680 nm, 3.5 mW, 20 mA, 20°, 5 mm clear epoxy | | | 1,98 | 2,11 |
| 690 nm | | | | |
| LED690-01AU, 690 nm, 6 mW, 20 mA, ±10°, 5 mm clear epoxy | | | 3,80 | 4,04 |
| LED690-03AU, 690 nm, 6 mW, 20 mA, ±10°, 5 mm clear epoxy | | | 3,80 | 4,04 |
| LED690-04AU, 690 nm, 6 mW, 20 mA, ±15°, 5 mm clear epoxy | | | 3,80 | 4,04 |
| LED690-33AU, 690 nm, 6 mW, 20 mA, ±16°, 3 mm clear epoxy | | | 3,80 | 4,04 |

| | | | |
|--|--|------|------|
| 700 nm | | | |
| ELD-700-524, 700 nm, 10 mW, 50 mA, 20°, 5 mm clear epoxy | | 3,60 | 3,83 |
| IB5-43B8-700, 700 nm, 14 mW, 50 mA, 15°, 5 mm clear epoxy | | 3,70 | 3,94 |
| LED700-02AU, 700 nm, 54 mW/sr, 5.5 mW, 20 mA, ±8°, 5 mm clear epoxy | | 3,98 | 4,24 |
| LED700-04AU, 700 nm, 21 mW/sr, 5.5 mW, 20 mA, ±19°, 5 mm clear epoxy | | 3,98 | 4,24 |
| LED700-33AU, 700 nm, 27 mW/sr, 5.5 mW, 20 mA, ±19°, 3 mm clear epoxy | | 3,80 | 4,04 |

LEDs - THROUGH HOLE - INFRARED



UV-LEDs
different packages: 3 mm and 5 mm clear epoxy,
TO packages and SMD packages

| LEDs Through Hole IR 710 - 800 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| 710 nm | | | | |
| LED710-01AU, 710 nm, 60 mW/sr, 13 mW, 50 mA, ±10°, 5 mm clear epoxy | | | 3,80 | 4,04 |
| LED710-04AU, 710 nm, 30 mW/sr, 13 mW, 50 mA, ±20°, 5 mm clear epoxy | EOL | | 3,80 | 4,04 |
| LED710-33AU, 710 nm, 30 mW/sr, 13 mW, 50 mA, ±18°, 3 mm clear epoxy | | | 3,80 | 4,04 |
| 720 nm | | | | |
| LED720-03AU, 720 nm, 7.0 mW, 20 mA, 18°, 5 mm clear epoxy | | | 3,28 | 3,49 |
| ELD-720-524, 720 nm, 7 mW, 20 mA, 20°, 5 mm clear epoxy | | | 4,13 | 4,40 |
| LED720-33AU, 720 nm, 7.0 mW, 20 mA, 40°, 3 mm clear epoxy | | | 3,28 | 3,49 |
| 730 nm | | | | |
| IB5-43B8-730, 730 nm, 20 mW, 50 mA, 15°, 5 mm clear epoxy | | | 3,10 | 3,30 |
| 735 nm | | | | |
| LED735-01AU, 735 nm, 18 mW, 50 mA, 20°, 5 mm clear epoxy | | | 3,18 | 3,38 |
| 740 nm | | | | |
| ELD-740-354, 740 nm, 19 mW, 50 mA, 50°, 3 mm clear epoxy | | | 3,43 | 3,65 |
| ELD-740-524, 740 nm, 14 mW, 50 mA, 20°, 5 mm clear epoxy | | | 3,43 | 3,65 |
| LED740-01AU, 740 nm, 18 mW, 50 mA, 20°, 5 mm clear epoxy | | | 3,18 | 3,38 |
| LED740-03AU, 740 nm, 18 mW, 50 mA, 30°, 5 mm clear epoxy | | | 3,18 | 3,38 |
| 750 nm | | | | |
| LED750-33AU, 750 nm, 25 mW, 50 mA, 36°, 3 mm clear epoxy | | | 3,18 | 3,38 |
| LED750-03AU, 750 nm, 25 mW, 50 mA, 20°, 5 mm clear epoxy | | | 3,18 | 3,38 |
| 760 nm | | | | |
| LED760-03AU, 760 nm, 19 mW, 50 mA, ±10°, 5 mm clear epoxy | | | 3,18 | 3,38 |
| LED760-05AU, 760 nm, 19 mW, 50 mA, ±55°, 5 mm clear epoxy | | | 3,36 | 3,58 |
| LED760-33AU, 760 nm, 27 mW, 50 mA, 36°, 3 mm epoxy | | | 3,18 | 3,38 |
| LED760-40M32, 760 nm, 10 mW, 50 mA, 20°, TO-18, ball lens | | | 9,12 | 9,71 |
| 765 nm | | | | |
| IB5-43B8-765, 765 nm, 18 mW, 50 mA, 15°, 5 mm clear epoxy | | | 3,10 | 3,30 |
| 770 nm | | | | |
| LED770-6-30, 770 nm, 6-7 mW, 20 mA, ±15°, 5 mm clear epoxy | EOL | | 2,90 | 3,09 |
| LED770-03AU, 770 nm, 18 mW, 50 mA, ±15°, 5 mm clear epoxy | | | 3,18 | 3,38 |
| ELD-770-324, 770 nm, 15 mW, 50 mA, 20°, 3 mm clear epoxy | | | 3,43 | 3,65 |
| ELD-770-524, 770 nm, 20 mW, 50 mA, 20°, 5 mm clear epoxy | | | 3,43 | 3,65 |
| 780 nm | | | | |
| LED780-03AU, 780 nm, 24 mW, 50 mA, 20°, 5 mm clear epoxy | | | 3,18 | 3,38 |
| LED780-33AU, 780 nm, 24 mW, 50 mA, 36°, 3 mm clear epoxy | | | 3,18 | 3,38 |
| I2CA5111A, 780 nm, 50 mW, 50 mA, 15°, 5 mm clear epoxy | NEW | | 1,82 | 1,94 |
| I2CA3111A, 780 nm, 50 mW, 50 mA, 15°, 3 mm clear epoxy | NEW | | 1,82 | 1,94 |
| ELD-780-524, 780 nm, 16 mW, 50 mA, 18°, 40 ns, 5 mm clear epoxy | | | 3,43 | 3,65 |
| ELD-780-525, 780 nm, 45 mW, 100 mA, 20°, 20 ns, 5 mm clear epoxy | | | 3,43 | 3,65 |
| 800 nm | | | | |
| LED800-01AU, 800 nm, 27 mW, 50 mA, ±17°, 5 mm clear epoxy | | | 2,44 | 2,60 |

| LEDs Through Hole IR 810 - 900 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| 810 nm | | | | |
| ELD-810-525, 810 nm, 45 mW, 100 mA, 20°, 5 mm clear epoxy | | | 5,23 | 5,57 |
| ELD-810-345, 810 nm, 18 mW, 50 mA, 30°, 3 mm clear epoxy | | | 3,43 | 3,65 |
| LED810-03AU, 810 nm, 24 mW, 50 mA, 22°, 5 mm clear epoxy | | | 2,54 | 2,70 |
| LED810-33AU, 810 nm, 24 mW, 50 mA, 38°, 3 mm clear epoxy | | | 2,54 | 2,70 |
| 820 nm | | | | |
| LED820-01AU, 820 nm, 18 mW, 50 mA, ±10°, 5 mm clear epoxy | | | 2,54 | 2,70 |
| 830 nm | | | | |
| IB5-43B8-830, 830 nm, 22 mW, 50 mA, 15°, 5 mm clear epoxy | | | 2,40 | 2,55 |
| LED830-03AU, 830 nm, 20 mW, 50 mA, ±15°, 5 mm clear epoxy | | | 2,74 | 2,92 |
| LED830-33AU, 830 nm, 27 mW, 50 mA, 36°, 3 mm epoxy | | | 2,54 | 2,70 |

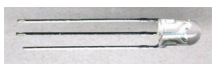
| | | | | |
|--|------------|--|------|------|
| 840 nm | | | | |
| LED840-04AU, 840 nm, 20 mW, 50 mA, $\pm 20^\circ$, 5 mm clear epoxy | EOL | | 2,54 | 2,70 |
| ELD-840-515, 840 nm, 15 mW, 100 mA, 11° , 5 mm clear epoxy | | | 3,43 | 3,65 |
| 850 nm | | | | |
| B5B-850-8, 850 nm, 34 mW, 100 mA, $\pm 8^\circ$, 5 mm clear epoxy | | | 1,82 | 1,94 |
| I3NA5111A, 850 nm, 60 mW/sr, 100 mA, 15° , 5 mm clear epoxy | | | 1,52 | 1,62 |
| ELD-850-394, 850 nm, 18 mW, 50 mA, 90° , 3 mm clear epoxy | | | 3,60 | 3,83 |
| ELD-850-525, 850 nm, 11 mW, 20 mA, 20° , 5 mm clear epoxy | | | 3,60 | 3,83 |
| LED850-03UP, 850 nm, 28 mW, 50 mA, 22° , 5 mm clear epoxy | | | 2,21 | 2,35 |
| LED850-05UP, 850 nm, 26 mW, 50 mA, $\pm 40^\circ$, 5 mm clear epoxy | | | 2,30 | 2,45 |
| 870 nm | | | | |
| LED870-01UP, 870 nm, 24 mW, 50 mA, 20° , 5 mm clear epoxy | | | 2,12 | 2,26 |
| LED870F-03U, 870 nm, 22 mW, 50 mA, 30° , 5 mm, tr/ff 15/10ns | EOL | | 2,54 | 2,70 |
| LED870-03UP, 870 nm, 28 mW, 50 mA, 22° , 5 mm epoxy | | | 2,12 | 2,26 |
| LED870-33UP, 870 nm, 28 mW, 50 mA, 40° , 3 mm epoxy | | | 2,12 | 2,26 |
| ELD-870F-515-2, 870 nm, 16 mW, 100 mA, tr/ff 5 ns, 8° , 5 mm epoxy | | | 5,25 | 5,59 |
| 880 nm | | | | |
| IR5-XCA880, 880 nm, 65 mW at 100 mA, 20° , 5mm clear epoxy | | | 1,99 | 2,12 |
| ELD-880-525, 880 nm, 45 mW, 100 mA, 20° , 5 mm clear epoxy | | | 3,43 | 3,65 |
| RLS-IR880, 880 nm, 10 mW/sr, 20 mA, $\pm 20^\circ$, 5 mm clear epoxy | | | 3,43 | 3,65 |
| LED880-33AU, 880 nm, 25 mW, 50 mA, $\pm 19^\circ$, 3 mm clear epoxy | EOL | | 2,02 | 2,15 |
| 890 nm | | | | |
| LED890-03AU, 890 nm, 15 mW, 50 mA, $\pm 15^\circ$, tr/ff 200/300 ns, 5 mm clear epoxy | | | 1,94 | 2,06 |
| LED890-33AU, 890 nm, 15 mW, 50 mA, 40° , 3 mm epoxy | | | 1,94 | 2,06 |
| 900 nm | | | | |
| B5B-900-8, 895 nm, 48 mW/sr, 50 mA, 8° , 5 mm clear epoxy | | | 2,72 | 2,90 |
| ELD-900-525, 900 nm, 45 mW, 100 mA, 20° , 5 mm clear epoxy | | | 3,65 | 3,88 |

| LEDs Through Hole IR 910 - 980 nm | Status | MOQ | EUR / pc | USD / pc |
|---|------------|-----|----------|----------|
| 910 nm | | | | |
| LED910D-01, 910 nm, 13 mW, 50 mA, 22° , 5 mm epoxy | | | 2,10 | 2,24 |
| LED910D-33, 910 nm, 13 mW, 50 mA, 30° , 3 mm epoxy | | | 2,10 | 2,24 |
| ELD-910-525, 910 nm, 28 mW, 100 mA, 20° , 5 mm clear epoxy | | | 3,43 | 3,65 |
| 935 nm | | | | |
| ELD-935-525, 935 nm, 30 mW, 100 mA, 500 ns, 20° , 5 mm clear epoxy | | | 4,33 | 4,61 |
| 940 nm | | | | |
| I5LA5113A, 940 nm, 35 mW/sr, 100 mA, 15° , 5 mm clear epoxy | | | 0,89 | 0,95 |
| OPE5594S, 940 nm, 16 mW, 100 mA, 10° , 5 mm clear epoxy | EOL | | 0,80 | 0,85 |
| B5B-940-8, 940 nm, 20 mW, 100 mA, $\pm 8^\circ$, 5 mm clear epoxy | | | 0,99 | 1,05 |
| LED940-06V, 940 nm, 18.0 mW, 150 mW/sr, 50 mA, $\pm 7^\circ$, 5 mm clear epoxy | EOL | | 1,80 | 1,92 |
| LED940-33, 940 nm, 15 mW, 50 mA, 50° , 3 mm clear epoxy | | | 1,38 | 1,47 |
| LED940D-05, 940 nm, 25 mW, 50 mA, 90° , 5 mm clear epoxy | | | 1,86 | 1,98 |
| LED940-40K42, 940 nm, 18.0 mW, TO-46, cap lens | EOL | | 4,85 | 5,16 |
| 960 nm | | | | |
| ELD-960-525, 960 nm, 20 mW, 100 mA, 20° , 5 mm clear epoxy | | | 5,19 | 5,52 |
| 970 nm | | | | |
| LED970-02, 970 nm, 25 mW/sr, 5.5 mW, 50 mA, 14° , 5 mm clear epoxy | EOL | | 1,94 | 2,06 |
| LED970-06, 970 nm, 25 mW/sr, 5.5 mW, 50 mA, 14° , 5 mm clear epoxy | EOL | | 1,84 | 1,96 |
| LED970D-03, 970 nm, 30 mW, 50 mA, 24° , 5 mm epoxy | | | 2,28 | 2,43 |
| LED970D-33, 970 nm, 30 mW, 50 mA, 34° , 3 mm epoxy | | | 2,28 | 2,43 |
| 980 nm | | | | |
| LED980-02, 980 nm, 17 mW, 50 mA, 18° , 5 mm clear epoxy | EOL | | 1,99 | 2,12 |
| LED980-03, 980 nm, 17 mW, 50 mA, 22° , 5 mm clear epoxy | EOL | | 1,99 | 2,12 |
| LED980D-03, 980 nm, 30 mW, 50 mA, $\pm 12^\circ$, 5 mm clear epoxy | | | 2,52 | 2,68 |
| LED980D-33, 980 nm, 30 mW, 50 mA, 34° , 3 mm epoxy | | | 2,28 | 2,43 |

| LEDs Through Hole IR 1020 - 1720 nm | Status | MOQ | EUR / pc | USD / pc |
|--|------------|-----|----------|----------|
| 1020 nm | | | | |
| ELD-1020-525, 1020 nm, 4.0 mW @ 20 mA, tr/ff 20/40 ns, 20° , 5 mm clear epoxy | | | 9,12 | 9,71 |
| 1040 nm | | | | |
| DIL5104, 1040 nm, 9 mW, 20 mA, 30° , 5 mm clear epoxy | | | 5,40 | 5,75 |
| 1050 nm | | | | |
| LED1050D-03, 1050 nm, 5 mm clear epoxy | | | 9,72 | 10,35 |
| LED1050G-33, 1050 nm, 15 mW, 50 mA, $\pm 21^\circ$, 3 mm clear epoxy | | | 16,28 | 17,33 |
| LED1050G-03, 1050 nm, 15 mW, 50 mA, $\pm 12^\circ$, 5 mm clear epoxy | EOL | | 16,28 | 17,33 |
| LED1050-35K42, 1050 nm, 1.5 mW, 50 mA, tr/ff 10 ns, $\pm 6^\circ$, TO-46, cap lens | | | 16,61 | 17,68 |
| LED1050-35T52, 1050 nm, 1 mW, 50 mA, tr/ff 10 ns, $\pm 55^\circ$, TO | | | 16,61 | 17,68 |

| | | | | |
|---|-----|----------|-------|-------|
| 1060 nm | | | | |
| ELD-1060-525, 1060 nm, 1.6 mW, 20 mA, tr/ff 10ns, 20°, 5 mm clear epoxy | | | 9,12 | 9,71 |
| 1070 nm | | | | |
| LED1070-06, 1070 nm, 9 mW, 50 mA, ±10°, 5 mm clear epoxy | EOL | | 8,21 | 8,74 |
| LED1070-36, 1070 nm, 9 mW, 50 mA, ±31°, 3 mm clear epoxy | EOL | | 8,86 | 9,43 |
| LED1070S-36, 1070 nm, 10.5 mW, 50 mA, 56°, 3 mm clear epoxy | | | 10,76 | 11,45 |
| 1200 nm | | | | |
| DIL5120, 1200 nm, 3.5 mW, 20 mA, 30°, 5 mm clear epoxy | | | 6,30 | 6,71 |
| ELD-1200-525, 1200 nm, 1.5 mW, 20 mA, 20°, tr/ff 25/40 ns, 5 mm clear epoxy | | 500 pcs. | 9,12 | 9,71 |
| LED1200S-03, 1200 nm, 9.2 mW, 50 mA, 28°, 5 mm clear epoxy | | | 12,20 | 12,99 |
| LED1200S-35K42, 1200 nm, 6 mW, 50 mA, 20°, TO-46, cap lens | | 50 pcs. | 15,58 | 16,58 |
| LED1200-35M32, 1200 nm, 5.5 mW, 50 mA, 24°, TO-18, cap lens | | | 15,46 | 16,46 |
| 1300 nm | | | | |
| ELD-1300-525, 1300 nm, 2.2 mW, 20 mA, tr/ff 10 ns, 25°, 5 mm clear epoxy | | | 8,19 | 8,72 |
| LED1300S-33, 1300 nm, 9 mW, 50 mA, 46°, 3 mm clear epoxy | | | 12,20 | 12,99 |
| LED1300D-03, 1300 nm, 10.5 mW, 50 mA, 28°, 5 mm clear epoxy | | | 12,60 | 13,41 |
| DIL5130, 1300 nm, 3.5 mW, 20 mA, 30°, 5 mm clear epoxy | | | 6,30 | 6,71 |
| LED1300-35M32, 1300 nm, 3 mW, 50 mA, ±15°, TO-46, cap lens | | | 15,46 | 16,46 |
| LED1300-35K42, 1300 nm, 2 mW, 50 mA, ±6°, TO-46, cap lens | | | 16,61 | 17,68 |
| 1440 nm | | | | |
| DIL5144, 1440 nm, 2 mW, 20 mA, 30°, 5 mm clear epoxy | | | 6,30 | 6,71 |
| 1450 nm | | | | |
| LED1450-03, 1450 nm, 3 mW, 50 mA, ±12°, 5 mm clear epoxy | EOL | | 10,52 | 11,20 |
| LED1450S-03, 1450 nm, 4.8 mW, 50 mA, 28°, 5 mm clear epoxy | | | 12,20 | 12,99 |
| LED1450S-33, 1450 nm, 4.8 mW, 50 mA, 46°, 3 mm clear epoxy | | | 12,20 | 12,99 |
| LED1450-35K42, 1450 nm, 2.5 mW, 50 mA, 12°, TO-46, cap lens | | | 14,97 | 15,93 |
| ELD-1450-525, 1450 nm, 1.8 mW, 20 mA, 20°, 5 mm clear epoxy | | | 8,19 | 8,72 |
| 1500 nm | | | | |
| ELD-1500-525, 1500 nm, 3.3 mW, 20 mA, 20°, 5 mm clear epoxy | | | 8,19 | 8,72 |
| 1550 nm | | | | |
| ELD-1550-525, 1550 nm, 3.3 mW, 20 mA, tr/ff 10 ns, 20°, 5 mm clear epoxy | | | 9,12 | 9,71 |
| LED1550S-03, 1550 nm, 3.8 mW, 50 mA, ±13°, 5 mm clear epoxy | | | 12,20 | 12,99 |
| LED1550-35M32, 1550 nm, 2.0 mW, 50 mA, ±15°, TO-46 | | | 17,10 | 18,20 |
| LED1550S-35K42, 1550 nm, 2.4 mW, 50 mA, 18°, TO-46, cap lens | | 50 pcs. | 18,18 | 19,35 |
| 1650 nm | | | | |
| DIL5165, 1650 nm, 2 mW, 20 mA, 30°, 5 mm clear epoxy | | | 6,30 | 6,71 |
| ELD-1650-525, 1650 nm, 1.5 mW, 20 mA, 20°, 5 mm clear epoxy | | | 12,50 | 13,30 |
| LED1650-33, 1650 nm, 2.0 mW, 50 mA, ±21°, 3 mm clear epoxy | EOL | | 10,52 | 11,20 |
| LED1650S-03, 1650 nm, 2.3 mW, 50 mA, 24°, 5 mm clear epoxy | EOL | | 12,20 | 12,99 |
| 1720 nm | | | | |
| ELD-1720-015, 1720 nm, 1.0 mW, 20 mA, tr/ff 15 ns, 6°, TO-46 with hemisph. lens | | | 27,50 | 29,27 |

LEDS - DUAL WAVELENGTH



series of dual wavelength LEDs
5 mm clear epoxy, contains **2 chip dies**
custom wavelengths available on request

| LEDs Dual Wavelength | Status | MOQ | EUR / pc | USD / pc |
|---|--------|---------|----------|----------|
| LED505/630-02A, 505/630 nm, 1.3/2.5 mW, 20 mA, ±20°, 5 mm epoxy | | | 4,96 | 5,28 |
| LED565/660-04A, 565/660 nm, 0.2/4.0 mW, 20 mA, ±20°, 5 mm epoxy | | | o.r. | o.r. |
| LED625/470-3S, 625/470 nm, 8500/4000 mcd @ 20 mA, 30°, 5 mm clear epoxy, 3-Pin | | | 1,39 | 1,48 |
| LED625/525-3S, 625/525 nm, 7000/8500 mcd @ 20 mA, 30°, 5 mm clear epoxy, 3-Pin | | | 1,39 | 1,48 |
| LED625/570-3S, 625/570 nm, 1600/1100 mcd @ 20 mA, 30°, 5 mm clear epoxy, 3-Pin | | | 1,07 | 1,14 |
| LED635/760-04A, 635/760 nm, 1.5/4.0 mW, 20 mA, ±20°, 5 mm epoxy | | | 4,96 | 5,28 |
| LED660N/850-04A, 660/850 nm, 12.0/9.2 mW, 20 mA, ±20°, 5 mm epoxy | | | 4,19 | 4,46 |
| LED660/910-04A, 660/910 nm, 4.5/2.5 mW, 20 mA, ±20°, 5 mm epoxy | | | o.r. | o.r. |
| LED660N/940-04A, 660/940 nm, 15.0/5.0 mW, 20 mA, ±20°, 5 mm epoxy | | | 4,24 | 4,51 |
| LED750/850-04A, 750/850 nm, 15/18 mW, 20 mA, ±20°, 5 mm epoxy | | | 3,48 | 3,70 |
| LED750/870-04A, 750/870 nm, 15/22 mW, 20 mA, ±20°, 5 mm epoxy | | | 3,97 | 4,23 |
| LED760/850-04A, 760/850 nm, 15/18 mW, 20 mA, ±20°, 5 mm epoxy | | | 3,48 | 3,70 |
| LED760/850-05A, 760/850 nm, 24/24 mW, 50 mA, ±40°, flat front surface, 5 mm epoxy | | | 3,97 | 4,23 |
| LED760/940-04A, 760/940 nm, 15/14 mW, 20 mA, ±20°, 5 mm epoxy | | | o.r. | o.r. |
| LED780/850-05A, 780/850 nm, 17/18 mW, 20 mA, ±40°, flat front surface, 5 mm epoxy | | 50 pcs. | 3,78 | 4,02 |

LEDS - SELF MONITORING



LED series in TO18 package
with integrated monitoring photodiode
3 pins, sealed with flat glass window

custom wavelengths available on request


| LEDs SELF MONITORING | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| LED525-PD010-35D54, 525 nm, 2 mW, 20 mA, monitor PD, ±55°, flat glass window, TO-18 | | | 32,80 | 34,91 |
| LED610-PD010-35D54, 610 nm, 0.8 mW, 20 mA, monitor PD, ±55°, flat glass window, TO-18 | | | 32,80 | 34,91 |
| LED780-PD010-40D52, 780 nm, 12 mW, 50 mA, monitor PD, ±55°, flat glass window, TO-18 | | | 72,60 | 77,27 |
| LED810-PD010-40D52, 810 nm, 6 mW, 50 mA, monitor PD, ±55°, flat glass window, TO-18 | | | o.r. | o.r. |
| LED850N-PD010-40D52, 850 nm, 6 mW, 50 mA, monitor PD, ±55°, flat glass window, TO-18 | | | 18,55 | 19,74 |

LEDs - RESONANT CAVITY



RC-LED (resonant cavity LED)
wavelength typ. 650 nm, power 1.0 - 1.5 mW
package: TO-46 flat window, SMD, chip die

| LEDs RC 650 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| RC650-TO46FW, RC-LED, 650 nm, 1.0 mW, 20 mA, 90°, TO-46, flat window | | | 15,70 | 16,71 |
| RC650-SMD85, RC-LED, 650 nm, 1 mW, SMD 1.6x0.8x0.6 mm | | | 9,45 | 10,06 |
| RC650-C25R, RC-LED chip die 650 nm, Ø25 µm | | | o.r. | o.r. |

| LEDs RC MODULE 650 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>visible 650 nm RC-LED in anodized aluminium header with adjustable 3-lens glass collimator ultra narrow beam, very fast, perfect round spot</p> | | | | |
| RC-LED-650-02, 650 nm, RC-LED module, 0.2 mW, 5.5 mrad, tr/ft 3 ns, Ø10x18 mm | | | 51,80 | 55,13 |

LEDs - SMD



SMD LEDs
wavelengths from UV to IR
custom wavelengths and packages available on request

| LEDs SMD UV 355 - 400 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|----------|----------|----------|
| M5DLS1C1A, warm white, 3000K, 1.3 cd, 20 mA, 120°, SMD 3.2 x 2.8 mm | | | 1,20 | 1,28 |
| W5DLS1C1A, white, 10000K, 1.9 cd, 20 mA, 120°, PLCC2 SMD 3.2 x 2.8 mm | | | 1,20 | 1,28 |
| RLCU-355, 353-360 nm, 0.75 mW/sr, 20 mA, 120°, ceramic SMD, 3x2x1 mm | | | 7,22 | 7,68 |
| 360-PLCC2-120, 360 nm, 500 µW, 20 mA, 120°, SMD PLCC, 2.70 x 3.50 x 1.90 mm | EOL | | 2,64 | 2,81 |
| XSL-360-SD, 360 nm, 0.9 mW, 20 mA, 100°, ceramic SMD, 3.5x2.7x1.8 mm | EOL | | 4,29 | 4,57 |
| XSL-365-SD, 365 nm, 1.2 mW, 20 mA, 100°, ceramic SMD, 3.5x2.7x1.8 mm | EOL | | 4,29 | 4,57 |
| UVLED365-SMD, 365 nm, 3.0 mW, 20 mA, 100°, SMD 3.0x2.0x1.2 mm | EOL | | 2,55 | 2,71 |
| UVLED365E-SMD, 365 nm, 5.0 mW, 20 mA, 100°, SMD 3.0x2.0x1.2 mm | | | 3,39 | 3,61 |
| RLCU-365, 363-370 nm, 0.78 mW/sr, 20 mA, 120°, ceramic SMD, 3x2x1 mm | | | 6,20 | 6,60 |
| XSL-370-SD, 370 nm, 2.0 mW, 20 mA, 100°, ceramic SMD, 3.5x2.7x1.8 mm | EOL | | 2,39 | 2,54 |
| VL370-3228, 370 nm, 2.0-2.5 mW, 20 mA, 120°, SMD 3.6x2.9x0.8 mm | EOL | | 2,60 | 2,77 |
| RLS370SMD0805, 370 nm, 1 mW, 20 mA, 120°, SMD 0805 | EOL | | 2,50 | 2,66 |
| XSL-375-SD, 375 nm, 3.5 mW, 20 mA, 100°, ceramic SMD, 3.5x2.7x1.8 mm | EOL | | 2,73 | 2,91 |
| RLCU-375, 375-380 nm, 1.5-4.0 mW, 20 mA, 120°, ceramic SMD, 3x2x1 mm | | | 4,70 | 5,00 |
| UVLED375-SMD, 375 nm, 5.0 mW, 20 mA, 100°, SMD 3.0x2.0x1.2 mm | EOL | | 1,79 | 1,91 |
| UVLED375E-SMD, 375 nm, 13 mW, 20 mA, 100°, SMD 3.0x2.0x0.7 mm | | | 3,20 | 3,41 |
| RLCU-380, 380-385 nm, typ. 8 mW, 20 mA, 120°, ceramic SMD, 3x2x1 mm | | | 3,20 | 3,41 |
| RLCU-390, 390-395 nm, typ. 16 mW, 20 mA, 120°, ceramic SMD, 3x2x1 mm | | | 2,76 | 2,94 |
| SMC395, 395 nm, 15 mW, 20 mA, 122°, ceramic SMD, 3.0x2.0x1.1 mm | | | 3,10 | 3,30 |
| RLCU-400, 400-405 nm, 4.2-11 mW, 20 mA, 120°, ceramic SMD, 3x2x1 mm | | | 3,10 | 3,30 |
| LEDs SMD VIOLET 405 - 430 nm | Status | MOQ | EUR / pc | USD / pc |
| SMC405, 405 nm, 15 mW, 20 mA, 122°, ceramic SMD, 3.0x2.0x1.1 mm | | | 3,10 | 3,30 |
| SMT405R, 405 nm, 18 mW, 20 mA, 120°, SMD, 3.5x2.7x1.8 mm | | | 4,13 | 4,40 |
| RV5-405-SMD, 405 nm, 14 mW, 20 mA, 120°, SMD 3.5x2.8x1.9 mm | | | 1,78 | 1,89 |
| RLCU-410, 410-415 nm, typ. 16 mW, 20 mA, 120°, ceramic SMD, 3x2x1 mm | | | 2,73 | 2,91 |
| RLCU-415, 415-420 nm, typ. 16 mW, 20 mA, 120°, ceramic SMD, 3x2x1 mm | | | 2,64 | 2,81 |
| SMC420, 420 nm, 15 mW, 20 mA, 120°, ceramic SMD, 3.0x2.0x1.1 mm | | 500 pcs. | 2,35 | 2,50 |
| RLCU-420, 420-425 nm, typ. 16 mW, 20 mA, 120°, ceramic SMD, 3x2x1 mm | | | 2,58 | 2,75 |

| | | | | |
|---|---------------|------------|-----------------|-----------------|
| SMC430, 430 nm, 18 mW, 20 mA, 120°, ceramic SMD, 3.0x2.0x1.1 mm | | | 3,10 | 3,30 |
| RLCU-430, 425-435 nm, 8 mW, 30 mA, 120°, ceramic SMD, 3x2x1 mm | | | 3,10 | 3,30 |
| LEDs SMD BLUE 460 - 490 nm | Status | MOQ | EUR / pc | USD / pc |
| RLCU-460, 460 nm, 300 mcd at 20mA, 120°, ceramic SMD, 3x2x1mm | | | 3,15 | 3,35 |
| SMC470, 470 nm, 3.5 mW, 20 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm | | | 2,55 | 2,71 |
| SMC490, 490 nm, 6.8 mW, 20 mA, 128°, ceramic SMD, 3.0x2.0x1.1 mm | | | 4,42 | 4,70 |
| LEDs SMD GREEN 505 - 565 nm | Status | MOQ | EUR / pc | USD / pc |
| SMC505, 505 nm, 8.0 mW, 20 mA, 128°, ceramic SMD, 3.0x2.0x1.1 mm | | 300 pcs. | 2,73 | 2,91 |
| SMT505, 505 nm, 11 mW, 20 mA, 122°, SMD, 3.5x2.7x1.8 mm | | 300 pcs. | 2,56 | 2,72 |
| RLCU-525, 525 nm, 450 mcd at 20mA, 120°, ceramic SMD, 3x2x1mm | | | 1,08 | 1,15 |
| SMC525, 525 nm, 7.5 mW, 20 mA, 122°, ceramic SMD, 3.0x2.0x1.1 mm | | | 4,42 | 4,70 |
| RLCU-545, 545 nm, 900 mcd at 20mA, 120°, ceramic SMD, 3x2x1mm | | | 2,64 | 2,81 |
| SMC565, 565 nm, 0.1 mW, 20 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm | | | 1,15 | 1,22 |
| LEDs SMD YELLOW 570 nm | Status | MOQ | EUR / pc | USD / pc |
| SMC570, 570 nm, 0.2 mW, 20 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm | | | 1,77 | 1,88 |
| SMT570, 570 nm, 0.3 mW, 20 mA, 110°, SMD, 3.5x2.7x1.8 mm | | | 1,77 | 1,88 |
| LEDs SMD ORANGE 590 nm | Status | MOQ | EUR / pc | USD / pc |
| SMC590, 590 nm, 3 mW, 20 mA, 110°, SMD, 3.0x2.0x1.1 mm | | 300 pcs. | 2,51 | 2,67 |
| SMT590, 590 nm, 4 mW, 20 mA, 124°, SMD, 3.5x2.7x1.8 mm | | 300 pcs. | 1,50 | 1,60 |
| RLCU-590, 590 nm, 400 mcd at 20mA, 120°, ceramic SMD, 3x2x1mm | | | 1,08 | 1,15 |
| LEDs SMD RED 625 - 700 nm | Status | MOQ | EUR / pc | USD / pc |
| RLCU-625, 625 nm, 400 mcd at 20mA, 120°, ceramic SMD, 3x2x1mm | | | 1,08 | 1,15 |
| SMC630, 630 nm, 0.2 mW, 20 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm | | | 1,77 | 1,88 |
| SMC660N, 660 nm, 11 mW, 20 mA, 122°, ceramic SMD, 3.0x2.0x1.1 mm | | | 1,77 | 1,88 |
| SMC680, 680 nm, 3 mW, 20 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm | | | 4,32 | 4,60 |
| SMC700, 700 nm, 4.3 mW, 20 mA, 128°, ceramic SMD, 3.0x2.0x1.1 mm | | | 5,30 | 5,64 |
| SMT700, 700 nm, 3 mW, 20 mA, 110°, SMD, 3.5x2.7x1.8 mm | | | 4,59 | 4,89 |
| LEDs SMD IR 720 - 1650 nm | Status | MOQ | EUR / pc | USD / pc |
| SMC720, 720 nm, 3 mW, 20 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm | | | 5,30 | 5,64 |
| SMT720, 720 nm, 8 mW, 50 mA, 110°, SMD, 3.5x2.7x1.8 mm | | | 4,59 | 4,89 |
| SMC735, 735 nm, 16 mW, 50 mA, 126°, ceramic SMD, 3.0x2.0x1.1 mm | | | o.r. | o.r. |
| SMT735, 735 nm, 25 mW, 50 mA, 126°, SMD, 3.5x2.7x1.8 mm | | | 3,89 | 4,14 |
| SMT735/850, 735/850 nm, 20/24 mW, 50 mA, SMT 2.7x3.5x1.8 mm | | | 6,28 | 6,68 |
| SMT735D/850D, 735/850 nm, 24/23 mW, 50 mA, SMT 2.7x3.5x1.8 mm | | | 6,28 | 6,68 |
| ELS-740-994, 740 nm, 6.5 mW, 50 mA, 120°, SMD PLCC 2, TOP LED, 3.5x2.8x1.9 mm | | | 3,90 | 4,15 |
| SMT750, 750 nm, 14 mW, 50 mA, 110°, SMD, 3.5x2.7x1.8 mm | | | 3,89 | 4,14 |
| SMT750-23, 750 nm, 20 mW, 50 mA, 30°, SMD, 3.5x2.7x3.5 mm | | | 4,15 | 4,42 |
| SMC750, 750 nm, 10 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm | | | 4,17 | 4,44 |
| SMC760, 760 nm, 15 mW, 50 mA, 128°, ceramic SMD, 3.0x2.0x1.1 mm | | | o.r. | o.r. |
| SMC770, 770 nm, 10 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm | | | 4,59 | 4,89 |
| SMT770, 735 nm, 26 mW, 50 mA, 126°, SMD, 3.5x2.7x1.8 mm | | | o.r. | o.r. |
| SMC780, 780 nm, 10 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm | | | 4,59 | 4,89 |
| SMT780-27, 780 nm, 24 mW, 50 mA, 54°, SMD, 3.5x2.7x3.2 mm | | | 3,34 | 3,55 |
| SMC810, 810 nm, 16 mW, 50 mA, 132°, ceramic SMD, 3.0x2.0x1.1 mm | | | 4,24 | 4,51 |
| ELS-810-638, 810 nm, 1.9 x 2.0 mm², 17 mW, 30°, 30 ns, flip chip | | | 7,84 | 8,34 |
| SMC830, 830 nm, 10 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm | | | 4,24 | 4,51 |
| SMC850, 850 nm, 15 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm | | | 2,92 | 3,11 |
| SMT850N, 850 nm, 22 mW, 50 mA, 124°, SMD, 3.5x2.7x1.8 mm | | | 2,85 | 3,03 |
| SMT850-23, 850 nm, 22 mW, 50 mA, 30°, SMD, 3.5x2.7x3.5 mm | | | 2,92 | 3,11 |
| SMC870, 870 nm, 19 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm | | | 2,92 | 3,11 |
| SMT870-23, 870 nm, 22 mW, 50 mA, 30°, SMD, 3.5x2.7x3.5 mm | | | 2,92 | 3,11 |
| SMC890, 890 nm, 8 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm | | | 2,56 | 2,72 |
| SMC910, 910 nm, 8.2 mW, 50 mA, 124°, ceramic SMD, 3.0x2.0x1.1 mm | | | 2,92 | 3,11 |
| SMC940, 940 nm, 10 mW, 50 mA, 110°, ceramic SMD, 3.0x2.0x1.1 mm | | | 1,70 | 1,81 |
| SMT940-23, 940 nm, 16 mW, 50 mA, 36°, SMD, 3.5x2.7x3.5 mm | | | 1,41 | 1,50 |
| SMC970, 970 nm, 3.6 mW, 50 mA, 136°, ceramic SMD, 3.0x2.0x1.1 mm | | | 1,94 | 2,06 |
| SMC1050S, 1050 nm, 7.5 mW, 50 mA, 132°, ceramic SMD, 3.0x2.0x1.1 mm | | | 12,43 | 13,23 |
| SMC1200, 1200 nm, 5 mW, 50 mA, 124°, ceramic SMD, 3.0x2.0x1.1 mm | | | 9,36 | 9,96 |
| SMC1200S, 1200 nm, 6.5 mW, 50 mA, 136°, ceramic SMD, 3.0x2.0x1.1 mm | | | 12,43 | 13,23 |
| SMC1300, 1300 nm, 3.5 mW, 50 mA, 110°, cer. SMD, 3.0x2.0x1.1 mm | | | 9,36 | 9,96 |
| SMC1300S, 1300 nm, 6 mW, 50 mA, 138°, ceramic SMD, 3.0x2.0x1.1 mm | | | 12,43 | 13,23 |
| SMC1450, 1450 nm, 2 mW, 50 mA, 132°, ceramic SMD, 3.0x2.0x1.1 mm | | | 9,60 | 10,22 |
| SMC1450S, 1450 nm, 3 mW, 50 mA, 136°, ceramic SMD, 3.0x2.0x1.1 mm | | | 12,43 | 13,23 |
| SMT1450, 1450 nm, 2 mW, 50 mA, 126°, SMD, 3.5x2.7x1.8 mm | | | 13,43 | 14,29 |
| SMC1550, 1550 nm, 1.3 mW, 50 mA, 124°, ceramic SMD, 3.0x2.0x1.1 mm | | | 9,36 | 9,96 |
| SMC1550S, 1550 nm, 2.2 mW, 50 mA, 136°, ceramic SMD, 3.0x2.0x1.1 mm | | | 12,43 | 13,23 |
| SMC1650S, 1650 nm, 1.7 mW, 50 mA, 136°, ceramic SMD, 3.0x2.0x1.1 mm | | | 12,43 | 13,23 |

| | | | | |
|-------------------------------------|---------------|------------|-----------------|-----------------|
| ACCESSORIES FOR SMD3020 LEDs | Status | MOQ | EUR / pc | USD / pc |
|-------------------------------------|---------------|------------|-----------------|-----------------|



PCB boards to get your SMD 3020 LEDs mounted easily!

PCB-SMD3020, PCB for SMD 3020 LEDs, Al, white, 15.0x15.0x1.1 mm

5,90

6,28

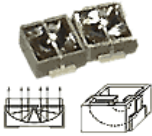
SMD REFLECTOR LEDs

Status

MOQ

EUR / pc

USD / pc



surface emitting SMD LED
narrow beam, ultra high brightness, high flux,
integrated parabolic reflector design, small
size

base size: 6 x 6 x 3 mm³

TOLATB004, blue, 460 nm, 27 cd, 20 mA, Vf 3.5V, ±9°

EOL

5,61

5,97

TOLATG004, green, 530 nm, 27 cd, 20 mA, Vf 3.5V, ±9°

EOL

5,61

5,97

TOLATR002, red, 625 nm, 15 cd, 20 mA, Vf 2.1V, ±9°

EOL

5,61

5,97

TOLAIR002A, IR, 880 nm, 300 mW/sr, 100 mA, Vf 1.4V, ±9°

EOL

5,61

5,97

4-PIN / PIRANHA LEDs

Status

MOQ

EUR / pc

USD / pc



high flux LED series
If: 20 mA, +/-45° angle
clear epoxy package

base size: 7.6 x 7.6 mm²

3B1S2HCA, blue, 470 nm, 1.0-1.4 cd, 20 mA, Vf <3.6 V, ±45°

EOL

0,40

0,43

3G1S2HCA, green, 522 nm, 2-3 cd, 20 mA, Vf <3.6 V, ±45°

EOL

0,56

0,60

3Y1S2HCA, yellow, 590 nm, 0.7-0.9 cd, 20 mA, Vf <2.1 V, ±45°

EOL

0,22

0,23

3R1S2HCA, red, 622 nm, 0.7-0.9 cd, 20 mA, Vf <2.1 V, ±45°

EOL

0,22

0,23

3RGB13HCA, RGB, 620 / 520 / 460 nm, 2 / 3.5 / 1.25 lm, 3 x 20 mA, ±45°

EOL

0,91

0,97

LEDS - BARE CHIP DIES



LED BARE CHIP DIES

available as bare chip die and on AlN submount

- chip material: AlGaN based
- AlN submount
- Output Power up to 75 mW

310 - 1720 nm

LEDs Bare Chip Dies | DEEP-UV | 310 - 340 nm

Status

MOQ

EUR / pc

USD / pc

DUV310-CL, 308 ±5 nm, 70 mW, 350 mA, 1000 x 1000 μm, bare chip die

o.r.

o.r.

DUV325-CL, 325 ±5 nm, 62 mW, 350 mA, 1000 x 1000 μm, bare chip die

o.r.

o.r.

DUV340-CL, 340 ±5 nm, 70 mW, 350 mA, 1000 x 1000 μm, bare chip die

o.r.

o.r.

LEDs Bare Chip Dies | UV | 355 - 395 nm

Status

MOQ

EUR / pc

USD / pc

C355-2SR1, 355 nm, 0.5-1.0 mW, @ 20 mA, size 280 x 280 μm

20 pcs.

15,43

16,42

C360-2SR1, 360 nm, 0.5-1.0 mW, @ 20 mA, size 280 x 280 μm

20 pcs.

14,25

15,17

C365-2SR2, 365 nm, 1.0-1.5 mW, @ 20 mA, size 280 x 280 μm

20 pcs.

10,03

10,68

C365-5SRA, 365 nm, 3.5-5.0 mW, @ 20 mA, size 350 x 360 μm

20 pcs.

11,58

12,33

C365-3SRA3, 365 nm, 15-20 mW, @ 100 mA, size 600 x 600 μm

10 pcs.

17,34

18,46

C370-2SR4, 370 nm, 2.0-2.5 mW, @ 20 mA, size 280 x 280 μm

20 pcs.

9,25

9,85

C370-5SRA, 370 nm, 4.0-5.5 mW, @ 20 mA, size 350 x 360 μm

20 pcs.

10,60

11,28

C370-3SRA4, 370 nm, 20-25 mW, @ 100 mA, size 600 x 600 μm

10 pcs.

15,43

16,42

C375-2SR10, 375 nm, 5.0-5.5 mW, @ 20 mA, size 280 x 280 μm

20 pcs.

8,88

9,45

C375-5SRA, 375 nm, 6.0-7.5 mW, @ 20 mA, size 350 x 360 μm

20 pcs.

10,58

11,26

C375-3SRA6, 375 nm, 30-35 mW, @ 100 mA, size 600 x 600 μm

10 pcs.

15,43

16,42

C385-5SRA, 385 nm, 8.0-9.5 mW, @ 20 mA, size 350 x 360 μm

20 pcs.

9,65

10,27

C385H1-V08B-R1, 385-390 nm, 70-80 mW, 350 mA, <3.8 V, 40 mil, LED chip die, InGaN

6,72

7,15

C385H1-V08B-R2, 395-400 nm, 80-90 mW, 350 mA, <4.0 V, 40 mil, LED chip die, InGaN

5,04

5,36

C395-5SRA, 395 nm, 12-16 mW, @ 20 mA, size 350 x 360 μm

20 pcs.

7,70

8,20

ELC-395-34, 395 nm, 5 mW @ 20 mA, size 331 x 331 μm

100 pcs.

3,12

3,32

LEDs Bare Chip Dies | VIS | 405 - 700 nm

Status

MOQ

EUR / pc

USD / pc

C405-5SRA, 405 nm, 13-17 mW, @ 20 mA, size 350 x 360 μm

20 pcs.

7,70

8,20

ELC-405-34, 405 nm, 30 mW @ 20 mA, size 331 x 331 μm

100 pcs.

3,12

3,32

C405H1-DZX3D, 400-405 nm, 80-90 mW, 350 mA, <4.0 V, 40 mil, LED chip die, InGaN

3,60

3,83

ELC-410-34, 410 nm, 5 mW @ 20 mA, size 331 x 331 μm

100 pcs.

3,12

3,32

C410H1-D1N3F, 410-415 nm, 120-140 mW, 350 mA, <4.0 V, 40 mil, LED chip die, InGaN

3,30

3,51

ELC-420-34, xxx nm, xx mW @ xx mA, size xxx x xxx μm

100 pcs.

3,12

3,32

C420H1-D1N3F, 420-425 nm, 120-140 mW, 350 mA, <4.0 V, 40 mil, LED chip die, InGaN

2,96

3,15

ELC-430-34, 430 nm, 16 mW @ 20 mA, size 331 x 331 μm

100 pcs.

3,12

3,32

ELC-455-34, 460 nm, 23 mW @ 20 mA, size 505 x 205 μm

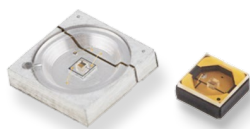
100 pcs.

3,12

3,32


| | | | | |
|---|---------------|------------|-----------------|-----------------|
| ELC-470-34, 470 nm, 280 mcd @ 20 mA, size 280 x 310 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-505-34, 505 nm, 400 mcd @ 20 mA, size 381 x 381 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-525-34, 525 nm, 9 mW @ 20 mA, size 380 x 380 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-565-10, 565 nm, 60 mcd @ 20 mA, size 265 x 265 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-572-13, 572 nm, 30 mcd @ 20 mA, size 295 x 295 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-590-13, 590 nm, 200 mcd @ 20 mA, size 265 x 265 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-610-14, 610 nm, 200 mcd @ 20 mA, size 295 x 295 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-630-15, 630 nm, 600 mcd @ 20 mA, size 350 x 350 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-650-24, 650 nm, 1.2 mW @ 20 mA, size 300 x 300 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-660-23-1, 660 nm, 1.8 mW @ 20 mA, size 280 x 280 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-670-25, 670 nm, 2.5 mW @ 20 mA, size 325 x 325 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-690-25, 690 nm, 2.8 mW @ 20 mA, size 325 x 325 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-690-27, 690 nm, 2.8 mW @ 20 mA, size 360 x 360 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-700-25, 700 nm, 3 mW @ 20 mA, size 325 x 325 µm | 100 pcs. | 3,12 | 3,32 | |
| C700-1X1, 700 nm, size 1x1 mm, LED chip die | | 2,76 | 2,94 | |
| LEDs Bare Chip Dies VIS 730 - 1720 nm | Status | MOQ | EUR / pc | USD / pc |
| ELC-730-25, 730 nm, 3 mW @ 20 mA, size 325 x 325 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-740-25, 740 nm, 2.8 mW @ 20 mA, size 325 x 325 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-760-25, 760 nm, 2.5 mW @ 20 mA, size 325 x 325 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-770-25, 770 nm, 2.7 mW @ 20 mA, size 325 x 325 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-800-25, 800 nm, 4 mW @ 20 mA, size 325 x 325 µm | 100 pcs. | 3,12 | 3,32 | |
| C810-1X1, 810 nm, size 1x1 mm, LED chip die | | 2,54 | 2,70 | |
| ELC-830-17, 830 nm, 4.5 mW @ 20 mA, size 365 x 365 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-850-27, 830 nm, 6.5 mW @ 20 mA, size 365 x 365 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-870-17-2, 875 nm, 6 mW @ 20 mA, size 360 x 360 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-870-27, 870 nm, 6.5 mW @ 20 mA, size 365 x 365 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-905-17, 905 nm, 4 mW @ 20 mA, size 365 x 365 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-910-17, 910 nm, 8 mW @ 20 mA, size 365 x 365 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-935-17, 935 nm, 2.5 mW @ 20 mA, size 365 x 365 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-970-17, 970 nm, 2 mW @ 20 mA, size 365 x 365 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-980-17-1, 980 nm, 2 mW @ 20 mA, size 365 x 365 µm | 100 pcs. | 3,12 | 3,32 | |
| ELC-1020-17, 1020 nm, 3 mW @ 100 mA, size 365 x 365 µm | 100 pcs. | 5,99 | 6,38 | |
| C1050H1-S, 1000-1100 nm, 35 mW, 500 mA, <1.3 V, 970x970 µm, InGaAsP, LED chip die | | | | |
| ELC-1060-17-1, 1060 nm, 4 mW @ 50 mA, size 365 x 365 µm | 100 pcs. | 5,99 | 6,38 | |
| C1200H1-S, 1150-1250 nm, 39 mW, 500 mA, <1.2 V, 970x970 µm, InGaAsP, LED chip die | | | | |
| ELC-1300-27, 1290 nm, 19.5 mW @ 100 mA, size 350 x 350 µm | 100 pcs. | 13,00 | 13,84 | |
| C1300H1-S, 1250-1350 nm, 32 mW, 500 mA, <1.2 V, 970x970 µm, InGaAsP, LED chip die | | | | |
| C1450H1-S, 1400-1500 nm, 20 mW, 500 mA, <1.0 V, 970x970 µm, InGaAsP, LED chip die | | | | |
| ELC-1460-27, 1450 nm, 3.8 mW @ 20 mA, size: 350 x 350 µm | 100 pcs. | 13,00 | 13,84 | |
| ELC-1550-27, 1550 nm, 6.8 mW @ 100 mA, size 350 x 350 µm | 100 pcs. | 9,45 | 10,06 | |
| C1550H1-S, 1500-1600 nm, 17 mW, 500 mA, <1.0 V, 970x970 µm, InGaAsP, LED chip die | | | | |
| ELC-1650-17-1, 1650 nm, 2.5 mW @ 100 mA, size 360 x 360 µm | 100 pcs. | 7,80 | 8,30 | |
| ELC-1650-27, 1650 nm, 1.9 mW @ 20 mA, size 350 x 350 µm | 100 pcs. | 13,00 | 13,84 | |
| C1650H1-S, 1600-1700 nm, 11 mW, 500 mA, <1.0 V, 970x970 µm, InGaAsP, LED chip die | | | | |
| ELC-1720-17, 1720 nm, 2.8 mW @ 100 mA, size 360 x 360 µm | 100 pcs. | 10,40 | 11,07 | |

HIGH POWER LEDS - SMD - DEEP UV



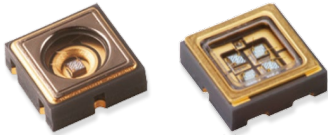
single emitter DEEP-UV LEDs SMD

- reflow solderable
- for industrial processing
- water purification / disinfection / phototherapy
- DNA sequencing, Blood Gas Measurements

| SMD High Power LEDs DEEP-UV 255 - 340 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| 255 nm | | | | |
| UVTOP250H-FW-SMD, 255 ±5 nm, 3.5 mW, 100 mA, ±60°, ceramic SMD 3535, flat window | | | 159,00 | 169,23 |
| 270 nm | | | | |
| UVR270-SC3, 270 ±5 nm, 3 mW, 50 mA, ±15°, SMD, 4.5 x 4.5 mm, hemisph. lens | | | 7,60 | 8,09 |
| UVR270-SC3P, 270 ±5 nm, 4 mW, 50 mA, ±15°, SMD on hex. PCB, dia. 21 mm, hemisph. lens | | | 9,10 | 9,69 |
| UVR270-SC12, 270 ±5 nm, 3 mW, 50 mA, ±60°, SMD, 4.5 x 4.5 mm, flat window | | | 7,60 | 8,09 |
| UVR270-SC12P, 270 ±5 nm, 3 mW, 50 mA, ±60°, SMD on hex. PCB, dia. 21 mm, flat window | | | 9,10 | 9,69 |
| UVR270-SA3, 270 ±5 nm, 10 mW, 150 mA, ±15°, SMD, 4.5 x 4.5 mm, hemisph. lens | | | 8,95 | 9,53 |
| UVR270-SA3P, 270 ±5 nm, 10 mW, 150 mA, ±15°, SMD on hex. PCB, dia. 21 mm, hemisph. lens | | | 10,20 | 10,86 |
| UVR270-4F12, 270 ±5 nm, 48 mW, 180 mA, multi chip, ±60°, SMD, 6.0 x 6.0 mm, flat window | EOL | | 49,10 | 52,26 |
| 275 nm | | | | |
| GD35R-275Z-F, 270-280 nm, 14 mW, 150 mA, 3535 SMD, flat window | | | 4,20 | 4,47 |
| UVTOP270-FW-SMD, 275 ±5 nm, 3 mW, 30 mA, ±60°, ceramic SMD 3535, flat window | | | 13,20 | 14,05 |
| UVTOP270H-FW-SMD, 275 ±5 nm, 11.5 mW, 100 mA, ±63°, ceramic SMD 3535, flat window | | | 24,70 | 26,29 |
| CUD8AF1C, 275 ±5 nm, 3 mW, 30 mA, ±58°, aluminium SMD, 6.4 x 6.4 mm, flat window | | | 15,13 | 16,10 |
| CUD8AF1D, 275 ±5 nm, 19 mW, 200 mA, ±60°, aluminium SMD, 6.4 x 6.4 mm, flat window | | | 24,65 | 26,24 |
| CUD8AF4C, 275 ±5 nm, 13 mW, 120 mA, multi chip, ±60°, aluminium SMD, 6.4 x 6.4 mm, flat window | | | 65,45 | 69,66 |
| CUD8AF4D, 275 ±5 nm, 50 mW, 600 mA, multi chip, ±60°, aluminium SMD, 6.4 x 6.4 mm, flat window | EOL | | 89,25 | 94,99 |
| 280 nm | | | | |
| UVR280-SC3, 280 ±5 nm, 3 mW, 50 mA, ±15°, SMD, 4.5 x 4.5 mm, hemisph. lens | | | 7,60 | 8,09 |
| UVR280-SC3P, 280 ±5 nm, 3 mW, 50 mA, ±15°, SMD on hex. PCB, dia. 21 mm, hemisph. lens | | | 9,10 | 9,69 |
| UVR280-SC12, 280 ±5 nm, 3 mW, 50 mA, ±60°, SMD, 4.5 x 4.5 mm, flat window | | | 7,60 | 8,09 |
| UVR280-SC12P, 280 ±5 nm, 3 mW, 50 mA, ±60°, SMD on hex. PCB, dia. 21 mm, flat window | | | 9,10 | 9,69 |
| UVR280-SA3, 280 ±5 nm, 10 mW, 150 mA, ±15°, SMD, 4.5 x 4.5 mm, hemisph. lens | | | 8,95 | 9,53 |
| UVR280-SA3P, 280 ±5 nm, 10 mW, 150 mA, ±15°, SMD on hex. PCB, dia. 21 mm, hemisph. lens | | | 10,20 | 10,86 |
| 295 nm | | | | |
| DUV295-SD356LN, 295 ±5 nm, 40 mW, 600 mA, ±16°, ceramic SMD 3535, quartz lens | EOL | | 145,71 | 155,09 |
| 310 nm | | | | |
| GD35R-310Z-F, 310-315 nm, 40mA, 3 mW, 3535 SMD, flat window | | | 3,70 | 3,94 |
| UVTOP305-FW-SMD, 310 ±5 nm, 1.2 mW, 20 mA, ±60°, ceramic SMD 3535 | | | 13,77 | 14,66 |
| UVTOP305H-FW-SMD, 310 ±5 nm, 7 mW, 150 mA, ±60°, ceramic SMD 3535 | EOL | | 21,80 | 23,20 |
| DUV310-SD351EN, 308 ±5 nm, 16 mW, 100 mA, ±17.5°, ceramic SMD 3535, quartz lens | | | 76,10 | 81,00 |
| DUV310-SD351EL, 308 ±5 nm, 18 mW, 100 mA, ±30°, ceramic SMD 3535, quartz lens | | | 76,10 | 81,00 |
| DUV310-SD351EV, 308 ±5 nm, 19 mW, 100 mA, ±60°, ceramic SMD 3535, flat window | | | 64,80 | 68,97 |
| DUV310-SD353EL, 308 ±5 nm, 47 mW, 350 mA, 70°, ceramic SMD 3535, quartz lens | | | 84,20 | 89,62 |
| DUV310-SD353EN, 308 ±5 nm, 43 mW, 350 mA, 35°, ceramic SMD 3535, quartz lens | | | 84,20 | 89,62 |
| DUV310-SD353EV, 308 ±5 nm, 50 mW, 350 mA, 120°, ceramic SMD 3535, flat window | | | 71,30 | 75,89 |
| CUD1AF1C, 310 ±5 nm, 1.8 mW, 30 mA, ±58°, aluminium SMD, 6.4 x 6.4 mm, flat window | | | 16,66 | 17,73 |
| CUD1AF4D, 310 ±5 nm, 20 mW, 600 mA, ±60°, multi chip, aluminium SMD, 6.4 x 6.4 mm, flat window | | | 88,74 | 94,45 |
| 325 nm | | | | |
| DUV325-SD351EN, 325 ±5 nm, 13 mW, 100 mA, ±17.5°, ceramic SMD 3535, quartz lens | | | 76,10 | 81,00 |
| DUV325-SD351EL, 325 ±5 nm, 14 mW, 100 mA, ±30°, ceramic SMD 3535, quartz lens | | | 76,10 | 81,00 |
| DUV325-SD351EV, 325 ±5 nm, 14 mW, 100 mA, ±60°, ceramic SMD 3535, flat window | | | 64,80 | 68,97 |
| DUV325-SD353EL-03, 325 ±5 nm, 55 mW, 350 mA, 70°, ceramic SMD 3535, quartz lens | NEW | | 84,20 | 89,62 |
| DUV325-SD353EN-03, 325 ±5 nm, 50 mW, 350 mA, 35°, ceramic SMD 3535, quartz lens | NEW | | 84,20 | 89,62 |
| DUV325-SD353EV-03, 325 ±5 nm, 60 mW, 350 mA, 120°, ceramic SMD 3535, flat window | NEW | | 71,30 | 75,89 |
| 340 nm | | | | |
| DUV340-SD351EN, 340 ±5 nm, 14 mW, 100 mA, ±15°, ceramic SMD 3535, quartz lens | | | 76,10 | 81,00 |
| DUV340-SD351EL, 340 ±5 nm, 14 mW, 100 mA, ±27.5°, ceramic SMD 3535, quartz lens | | | 76,10 | 81,00 |
| DUV340-SD351EV, 340 ±5 nm, 14 mW, 100 mA, ±60°, ceramic SMD 3535, flat window | | | 64,80 | 68,97 |
| DUV340-SD353EL-03, 340 ±5 nm, 85 mW, 350 mA, 70°, ceramic SMD 3535, quartz lens | NEW | | 84,20 | 89,62 |
| DUV340-SD353EN-03, 340 ±5 nm, 80 mW, 350 mA, 35°, ceramic SMD 3535, quartz lens | NEW | | 84,20 | 89,62 |
| DUV340-SD353EV-03, 340 ±5 nm, 90 mW, 350 mA, 120°, ceramic SMD 3535, flat window | NEW | | 71,30 | 75,89 |
| ACCESSORIES FOR SMD3535 LEDs | | | | |
| | Status | MOQ | EUR / pc | USD / pc |
| Copper circuit PCB boards for DUV3xx LEDs | | | | |
|  | | | | |
| SD35-PCB, PCB for DUV-SD35 series, 15 x 20 x1.0 mm | | | 6,50 | 6,92 |

HIGH POWER LEDS - SMD - UV





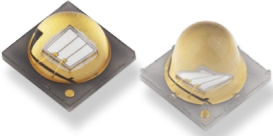
high power UV-LED

- ceramic SMD package
- integrated Zener diode (ESD protection)
- glass window

365 nm - 385 nm

| SMD High Power LEDs UV 365 - 385 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| UVLED-365-750-SMD, 365 nm, typ. 750 mW, 500 mA, Vf typ. 3.8 V, 120°, 6.8 x 6.8 x 2.1 mm | | | 21,90 | 23,31 |
| UVLED-385-800-SMD, 385 nm, typ. 800 mW, 500 mA, Vf typ. 3.6 V, 120°, 6.8 x 6.8 x 2.1 mm | | | 19,95 | 21,23 |
| UVLED-385-1200-SMD, 385 nm, typ. 1.2 mW, 500 mA, Vf typ. 14.8 V, 120°, 6.8x6.8x1.84 mm | | | 60,00 | 63,86 |
| UVLED-385-2400-SMD, 385 nm, typ. 2.4 W, 500 mA, Vf typ. 14.8 V, 120°, 6.8x6.8x1.84 mm | EOL | | 73,50 | 78,23 |

| SMD High Power LEDs UV - BLUE 365 - 420 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|--|--------|-----|----------|----------|



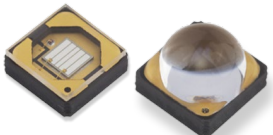
single emitter high power UV-LED

- ceramic SMD package
- high thermal conductivity
- silicone dome lens

365 nm - 420 nm

| | | | | |
|--|--|--|-------|-------|
| CUN66A1F, 365 nm, 420 mW, 250 mA, Vf typ. 3.6 V, 120°, 3.5 x 3.5 x 2.0 mm | | | o.r. | o.r. |
| CUN66A1B, 365 nm, 1000 mW, 500 mA, Vf typ. 3.6 V, 120°, 3.5 x 3.5 x 2.0 mm | | | 7,99 | 8,50 |
| CUN66B1B, 365 nm, 1000 mW, 500 mA, Vf typ. 3.6 V, 45°, 3.5 x 3.5 x 2.8 mm | | | 7,99 | 8,50 |
| CUN66A1G, 365 nm, 1850 mW, 1 A, Vf typ. 3.7 V, 120°, 3.5 x 3.5 x 2.0 mm | | | 8,33 | 8,87 |
| CUN66B1G, 365 nm, 1850 mW, 1 A, Vf typ. 3.7 V, 65°, 3.5 x 3.5 x 2.8 mm | | | 7,91 | 8,42 |
| CUN86A1B, 385 nm, 1200 mW, 500 mA, Vf typ. 3.5 V, 120°, 3.5 x 3.5 x 2.0 mm | | | 11,05 | 11,76 |
| CUN86B1B, 385 nm, 1160 mW, 500 mA, Vf typ. 3.5 V, 45°, 3.5 x 3.5 x 2.8 mm | | | 10,54 | 11,22 |
| CUN86A1G, 385 nm, 2150 mW, 1 A, Vf typ. 3.6 V, 120°, 3.5 x 3.5 x 2.0 mm | | | o.r. | o.r. |
| CUN86B1G, 385 nm, 2050 mW, 1 A, Vf typ. 3.6 V, 65°, 3.5 x 3.5 x 2.8 mm | | | o.r. | o.r. |
| CUN96A1B, 395 nm, 1250 mW, 500 mA, Vf typ. 3.5 V, 120°, 3.5 x 3.5 x 2.0 mm | | | 6,89 | 7,33 |
| CUN96B1B, 395 nm, 1250 mW, 500 mA, Vf typ. 3.5 V, 45°, 3.5 x 3.5 x 2.8 mm | | | 6,89 | 7,33 |
| CUN96A1G, 395 nm, 2100 mW, 1 A, Vf typ. 3.5 V, 120°, 3.5 x 3.5 x 2.0 mm | | | o.r. | o.r. |
| CUN96B1G, 395 nm, 2050 mW, 1 A, Vf typ. 3.5 V, 65°, 3.5 x 3.5 x 2.8 mm | | | o.r. | o.r. |
| CUN06A1B, 405 nm, 1160 mW, 500 mA, Vf typ. 3.5 V, 120°, 3.5 x 3.5 x 2.0 mm | | | 4,90 | 5,22 |
| CUN06B1B, 405 nm, 1160 mW, 500 mA, Vf typ. 3.5 V, 45°, 3.5 x 3.5 x 2.8 mm | | | 6,89 | 7,33 |
| CUN06A1G, 405 nm, 2050 mW, 1 A, Vf typ. 3.5 V, 120°, 3.5 x 3.5 x 2.0 mm | | | 6,92 | 7,37 |
| CUN06B1G, 405 nm, 2050 mW, 1 A, Vf typ. 3.5 V, 65°, 3.5 x 3.5 x 2.8 mm | | | 6,92 | 7,37 |
| CUN26A1B, 420 nm, 1000 mW, 500 mA, Vf typ. 3.5 V, 120°, 3.5 x 3.5 x 2.0 mm | | | 6,89 | 7,33 |
| CUN26B1B, 420 nm, 1040 mW, 500 mA, Vf typ. 3.5 V, 45°, 3.5 x 3.5 x 2.8 mm | | | 5,87 | 6,25 |

| SMD High Power LEDs UV - VIOLET 365 - 405 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|--|--------|-----|----------|----------|



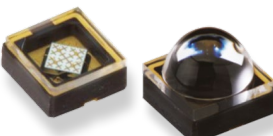
single emitter high power UV-LED

- ceramic SMD package
- high thermal conductivity
- silicone lens

365 nm - 405 nm

| | | | | |
|---|-----|--|-------|-------|
| CUN6GF1A, 365 nm, 1400 mW, 1 A, ±60°, flat window, 3.7V, 3.5 x 3.5 x 1.1 mm | EOL | | 15,05 | 16,02 |
| CUN6GB1A, 365 nm, 1400 mW, 1 A, ±30°, 3.7V, dome lens, 3.5 x 3.5 x 2.5 mm | | | 17,51 | 18,64 |
| CUN8GF1A, 385 nm, 1650 mW, 1 A, ±60°, 3.6V, flat window, 3.5 x 3.5 x 1.1 mm | | | 14,79 | 15,74 |
| CUN8GB1A, 385 nm, 1650 mW, 1 A, ±30°, 3.6V, dome lens, 3.5 x 3.5 x 2.5 mm | | | 15,64 | 16,65 |
| CUN9GF1A, 395 nm, 1700 mW, 1 A, ±60°, flat window, 3.5 x 3.5 x 1.1 mm | | | 15,13 | 16,10 |
| CUN9GB1A, 395 nm, 1700 mW, 1 A, ±30°, 3.5V, dome lens, 3.5 x 3.5 x 2.5 mm | | | 14,28 | 15,20 |
| CUN0GF1A, 405 nm, 1600 mW, 1 A, ±60°, flat window, 3.5 x 3.5 x 1.1 mm | | | 15,64 | 16,65 |
| CUN0GB1A, 405 nm, 1630 mW, 1 A, ±30°, dome lens, 3.5 x 3.5 x 2.5 mm | | | 15,13 | 16,10 |

| SMD High Power LEDs UV - VIOLET 365 - 405 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|--|--------|-----|----------|----------|




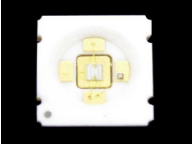
single emitter high power UV-LED


- ceramic SMD package
- integrated Zener diode (ESD protection)
- glass lens

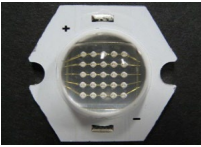
365 nm - 405 nm

| | | | | |
|---|-----|--|-------|-------|
| UVLED-365-NV2, 365 nm, 1430 mW, 1.0 A, ±60°, flat window, 3.5 x 3.5 x 1.23 mm | | | 29,95 | 31,88 |
| UVLED-365-NV2D, 365 nm, 1430 mW, 1.0 A, ±30°, dome lens, 3.5 x 3.5 x 2.73 mm | | | 32,55 | 34,64 |
| UVLED-385-NV2, 385 nm, 1730 mW, 1.0 A, ±60°, flat window, 3.5 x 3.5 x 1.23 mm | | | 28,35 | 30,17 |
| UVLED-385-NV2D, 385 nm, 1730 mW, 1.0 A, ±30°, dome lens, 3.5 x 3.5 x 2.73 mm | EOL | | 32,55 | 34,64 |
| UVLED-395-NV2, 395 nm, 1400 mW, 1.0 A, ±60°, flat window, 3.5 x 3.5 x 1.23 mm | | | 28,35 | 30,17 |
| UVLED-405-NV2, 405 nm, 1400 mW, 1.0 A, ±60°, flat window, 3.5 x 3.5 x 1.23 mm | | | 28,35 | 30,17 |
| UVLED-405-NV2D, 405 nm, 1400 mW, 1.0 A, ±30°, dome lens, 3.5 x 3.5 x 2.73 mm | | | 32,55 | 34,64 |

| SMD High Power LEDs UV - VIOLET 365 - 405 nm | | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--|--------|-----|----------|----------|
|  | <p>high power UV-LED</p> <ul style="list-style-type: none"> - aluminium SMD package - integrated ESD protection - UV transparent flat window <p>365 nm - 405 nm</p> | | | | | |
| CUN6AF1B, 365 nm, 690 mW, 500 mA, $\pm 60^\circ$, 3.8V, flat window, aluminium SMD, 6.4x6.4x1.4 mm | | | | | 17,85 | 19,00 |
| CUN8AF4A, 385 nm, 3.75 W, 1 A, Vf typ. 7.4 V, multi chip, 110° , 6.35 x 6.35 x 1.4 mm | | | | | 28,73 | 30,58 |
| CUN9AF4A, 395 nm, 3.75 W, 1 A, Vf typ. 7.4 V, multi chip, 110° , 6.35 x 6.35 x 1.4 mm | | | EOL | | 32,98 | 35,10 |
| CUN0AF1B, 405 nm, 850 mW, 500 mA, 3.6 V, 110° , flat window, aluminium SMD, 6.3x6.3x1.4 mm | | | EOL | | 12,75 | 13,57 |
| SMD High Power LEDs UV - VIOLET 365 - 405 nm | | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>4 chip emitter high power UV-LED</p> <ul style="list-style-type: none"> - aluminium SMD package - glass window - highest output power <p>365 nm - 405 nm</p> | | | | | |
| CUN6HF4A, 365 nm, 4.3 W, 3 A, Vf typ. 3.7 V, multi chip, 115° , 6.8 x 6.8 x 1.0 mm | | | EOL | | 51,60 | 54,92 |
| SMD High Power LEDs UV - VIOLET 365 - 405 nm | | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>single emitter high power UV-LED</p> <ul style="list-style-type: none"> - ceramic SMD package - integrated Zener diode (ESD protection) - glass window - highest output power | | | | | |
| UVLED-365-NV3B, 365 nm, 4900 mW, 3.5 A, $\pm 60^\circ$, 6.8 x 6.8 x 1.9 mm | | | | | 179,00 | 190,52 |
| UVLED-385-NV3B, 385 nm, 5500 mW, 3.5 A, $\pm 60^\circ$, 6.8 x 6.8 x 1.9 mm | | | | | 179,00 | 190,52 |
| SMD High Power LEDs UV - VIOLET 365 - 405 nm | | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>single emitter high power UV-LED</p> <ul style="list-style-type: none"> - ceramic SMD package - integrated ESD protection - silicon resin lens <p>365 nm - 405 nm</p> | | | | | |
| UVLED-365-NV1, 365 nm, 780 mW, 500 mA, $\pm 65^\circ$, 3.5 x 3.5 x 1.23 mm | | | | | 12,50 | 13,30 |
| UVLED-375-NV1, 375 nm, 1160 mW, 700 mA, $\pm 65^\circ$, 3.5 x 3.5 x 1.23 mm | | | | | 6,25 | 6,65 |
| UVLED-385-NV1, 385 nm, 1340 mW, 700 mA, $\pm 65^\circ$, 3.5 x 3.5 x 1.23 mm | | | | | 6,25 | 6,65 |
| UVLED-395-NV1, 395 nm, 1340 mW, 700 mA, $\pm 65^\circ$, 3.5 x 3.5 x 1.23 mm | | | | | 6,25 | 6,65 |
| UVLED-405-NV1, 405 nm, 1420 mW, 700 mA, $\pm 70^\circ$, 3.5 x 3.5 x 1.23 mm | | | | | 6,25 | 6,65 |
| SMD High Power LEDs UV - VIOLET 365 - 405 nm | | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>single emitter high power UV-LED</p> <ul style="list-style-type: none"> - ceramic SMD package - integrated ESD protection - silicon resin <p>365 nm - 405 nm</p> | | | | | |
| UVLED-365-NC2, 365 nm, 150 mW, 500 mA, $\pm 60^\circ$, 3.5 x 3.5 x 0.88 mm | | | | | 3,75 | 3,99 |
| UVLED-375-NC2, 375 nm, 275 mW, 500 mA, $\pm 60^\circ$, 3.5 x 3.5 x 0.88 mm | | | | | 3,75 | 3,99 |
| UVLED-385-NC2, 385 nm, 350 mW, 500 mA, $\pm 60^\circ$, 3.5 x 3.5 x 0.88 mm | | | | | 3,75 | 3,99 |
| UVLED-395-NC2, 395 nm, 360 mW, 500 mA, $\pm 60^\circ$, 3.5 x 3.5 x 0.88 mm | | | | | 3,75 | 3,99 |
| UVLED-405-NC2, 405 nm, 370 mW, 500 mA, $\pm 60^\circ$, 3.5 x 3.5 x 0.88 mm | | | | | 3,75 | 3,99 |
| SMD High Power LEDs UV - IR 365 - 1050 nm | | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>high radiation intensity surface mount LED on AlN ceramics submount, silver plated soldering pads, lead free solderable, RoHs compliant, T_{op} -40 ... +85 °C</p> | | | | | |
| RLCU-440-365, 365-370 nm, 40-90 mW, 350 mA, Vf 4.0V, 120° , 3.8 x 3.8 x 0.9 mm | | | | | 64,60 | 68,76 |
| RLCU-440-380, 380-385 nm, 90-160 mW, 350 mA, Vf 4.0V, 120° , 3.8 x 3.8 x 0.9 mm | | | | | 32,80 | 34,91 |
| RLCU-440-390, 390-395 nm, 130-260 mW, 350 mA, Vf 4.0V, 120° , 3.8 x 3.8 x 0.9 mm | | | | | 23,90 | 25,44 |
| RLCU-440-400, 400-405 nm, 190-310 mW, 350 mA, Vf 4.0V, 120° , 3.8 x 3.8 x 0.9 mm | | | | | 20,40 | 21,71 |
| RLCU-440-410, 410-415 nm, typ.250 mW, 350 mA, Vf 4.0V, 120° , 3.8 x 3.8 x 0.9 mm | | | | | 28,50 | 30,33 |
| RLCU-440-415, 415-420 nm, typ.250 mW, 350 mA, Vf 4.0V, 120° , 3.8 x 3.8 x 0.9 mm | | | | | 28,50 | 30,33 |
| RLCU-440-720, 720 nm, 30-50 mW/sr, 350 mA, 120° , 3.8 x 3.8 x 0.9 mm | | | | | 12,00 | 12,77 |
| RLCU-440-880, 880 nm, 20-30 mW/sr, 350 mA, 120° , 3.8 x 3.8 x 0.9 mm | | | | | 12,00 | 12,77 |
| RLCU-440-970, 970 nm, typ.9 mW/sr, 350 mA, 120° , 3.8 x 3.8 x 0.9 mm | | | | | 22,80 | 24,27 |
| RLCU-440-1020, 1020 nm, typ.17 mW/sr, 350 mA, 120° , 3.8 x 3.8 x 0.9 mm | | | | | 29,70 | 31,61 |
| RLCU-440-1050, 1050 nm, 59 mW, 350 mA, 120° , 3.8 x 3.8 x 0.9 mm | | | | | 29,70 | 31,61 |


| SMD High Power LEDs UV 370 - 400 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | high power UV-LED series hermetic ceramic SMD package UV resistant silicone mold integrated zener diode ESD protection | | | | |
| VL370-5050, 370 nm, 20-30 mW, 350 mA, Vf typ. 4.0-4.2 V, 120°, 5.0 x 5.0 x 1.0 mm | | EOL | | 11,05 | 11,76 |
| VL400-5050, 400 nm, 100-110 mW, 350 mA, Vf typ. 3.5-3.8 V, 120°, 5.0 x 5.0 x 1.0 mm | | EOL | | 10,95 | 11,65 |
| SMD High Power LEDs UV 375 - 400 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | high power UV-LED series hermetic ceramic SMD package UV resistant silicone mold integrated zener diode ESD protection low operation current | | | | |
| XRL-375-SD, 375 nm, 48 mW, 100 mA, 1 chip, 120°, ceramic SMD, 4.2 x 4.2 x 1.3 mm | | | | 49,80 | 53,01 |
| XHL-375-SD, 375 nm, 95 mW, 80 mA, 4 chips, 125°, ceramic SMD, 4.2 x 4.2 x 1.3 mm | | | | 49,00 | 52,15 |
| XHL-400-SD, 400 nm, 150 mW, 80 mA, 4 chips, 125°, ceramic SMD, 4.2 x 4.2 x 1.3 mm | | | | 36,60 | 38,96 |

| SMD High Power LEDs UV - BLUE 380 - 440 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | high power single chip UV-LED series hermetic ceramic emitter package UV resistant silicone mold | | | | |
| VL380-EMITTER, 380 nm, 200-300 mW, 350 mA, Vf typ. 3.0-4.0 V, 140° | | | | 18,00 | 19,16 |
| VL390-EMITTER, 390 nm, 200-300 mW, 350 mA, Vf typ. 3.0-4.0 V, 140° | | | | 17,00 | 18,09 |
| VL400-EMITTER, 400 nm, 300-400 mW, 350 mA, Vf typ. 3.0-4.0 V, 140° | | | | 16,00 | 17,03 |
| RV5-EMITTER-1W, 405 nm, 250 mW, 350 mA, Vf <4.0 V, 140° | | | | 5,10 | 5,43 |
| RV5-EMITTER-3W, 405 nm, 400 mW, 700 mA, Vf <4.5 V, 140° | | | | 5,49 | 5,84 |
| VL410-EMITTER, 410 nm, 300-400 mW, 350 mA, Vf typ. 3.0-4.0 V, 140° | | | | 15,00 | 15,97 |
| VL440-EMITTER, 440 nm, 400-500 mW, 350 mA, Vf typ. 3.0-4.0 V, 140° | | | | 14,00 | 14,90 |

| SMD High Power LEDs UV 365 - 385 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | high power multi-chip UV-LED series hermetic ceramic SMD package UV resistant silicone mold size: Ø19.9 x 7.9 mm | | | | |
| XML-365-SD, 365 nm, 200 mW, 300 mA, 25 chips, ceramic SMD, 19.9 x 7.9 mm | | | | 121,00 | 128,79 |
| XML-385-SD, 385 nm, 1000 mW, 300 mA, 25 chips, ceramic SMD, 19.9 x 7.9 mm | | | | 175,00 | 186,26 |

SMB1N HIGH POWER LEDs - SMD



|  | 1 W high power LED series, power chip technology chip size 1 x 1 mm ² , mounted on copper heat sink PA9T SMD package, 5.0 x 5.2 mm silicone / epoxy mold 365 nm - 1900 nm | | | | |
|---|---|--------|-----|----------|----------|
| SMB1N SMD High Power LEDs BROADBAND | | Status | MOQ | EUR / pc | USD / pc |
| SMB1N-BB450, 400-1000 nm, 300 mW, 500 mA, <4.5 V, 130°, 5.0x5.2x1.0 mm | | | | 18,28 | 19,46 |
| SMB1N-BB450-02, 400-1000 nm, 300 mW, 500 mA, <4.5 V, 20°, 5.0x5.2x5.5 mm | | | | 20,50 | 21,82 |
| SMB1N SMD High Power LEDs UV 365 - 395 nm | | Status | MOQ | EUR / pc | USD / pc |
| SMB1N-365V, 365 nm, 500 mW, 500 mA, <4.5 V, 126°, 5.0x5.2x1.0 mm | | | | 14,89 | 15,85 |
| SMB1N-365V-02, 365 nm, 500 mW, 500 mA, <4.5 V, 20°, 5.0x5.2x5.5 mm | | | | 16,45 | 17,51 |
| SMB1N-375V, 375 nm, 560 mW, 500 mA, <4.5 V, 126°, 5.0x5.2x1.0 mm | | | | 12,29 | 13,08 |
| SMB1N-375V-02, 375 nm, 560 mW, 500 mA, <4.5 V, 20°, Zener diode, 5.0x5.2x5.5 mm | | | | 13,67 | 14,55 |
| SMB1N-385V, 385 nm, 720 mW, 500 mA, <3.9 V, 122°, Zener diode, 5.0x5.2x1.0 mm | | | | 13,41 | 14,27 |
| SMB1N-385V-02, 385 nm, 1000 mW, 500 mA, <3.9 V, 20°, Zener diode, 5.0x5.2x5.5 mm | | | | 15,20 | 16,18 |
| SMB1N-395V, 395 nm, 750 mW, 500 mA, <4.5 V, 126°, 5.0x5.2x1.0 mm | | | | 9,82 | 10,45 |
| SMB1N-395V-02, 395 nm, 750 mW, 500 mA, <4.5 V, 22°, 5.0x5.2x5.5 mm | | | | 11,42 | 12,16 |

| SMB1N SMD High Power LEDs VIS 405 - 700 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|---------|----------|----------|
| SMB1N-405V, 405 nm, 710 mW, 500 mA, <4.2 V, 126°, 5.0x5.2x1.0 mm | | | 9,82 | 10,45 |
| SMB1N-405V-02, 405 nm, 710 mW, 500 mA, <4.2 V, 22°, 5.0x5.2x5.5 mm | | | 11,42 | 12,16 |
| SMB1N-H415, 415 nm, 300 mW, 350 mA, <4.5 V, 124°, 5.0x5.2x1.0 mm | | 36 pcs. | 7,78 | 8,28 |
| SMB1N-H415-02, 415 nm, 300 mW, 350 mA, <4.5 V, 22°, 5.0x5.2x5.5 mm | | 36 pcs. | 9,44 | 10,05 |
| SMB1N-420H, 420 nm, 420 mW, 350 mA, <3.8 V, 126°, 5.0x5.2x1.0 mm | | | 7,80 | 8,30 |
| SMB1N-420H-02, 420 nm, 420 mW, 350 mA, <3.8 V, 20°, Zener diode, 5.0x5.2x5.5 mm | | | 9,45 | 10,06 |
| SMB1N-430H, 430 nm, 500 mW, 350 mA, <3.8 V, 128°, 5.0x5.2x1.0 mm | | | 7,80 | 8,30 |
| SMB1N-430H-02, 430 nm, 500 mW, 350 mA, <3.8 V, 22°, 5.0x5.2x5.5 mm | | | 9,45 | 10,06 |
| SMB1N-435V, 435 nm, 800 mW, 500 mA, <4.5 V, 126°, 5.0x5.2x1.0 mm | | | 15,45 | 16,44 |
| SMB1N-435V-02, 435 nm, 800 mW, 500 mA, <4.5 V, 22°, 5.0x5.2x5.5 mm | | 36 pcs. | 17,11 | 18,21 |
| SMB1N-D450, 450 nm, 480 mW, 350 mA, <4.0 V, 130°, 5.0x5.2x1.0 mm | | | 8,55 | 9,10 |
| SMB1N-D450-02, 450 nm, 480 mW, 350 mA, <4.0 V, 20°, 5.0x5.2x5.5 mm | | | 10,20 | 10,86 |
| SMB1N-D470, 470 nm, 400 mW, 350 mA, <3.8 V, 128°, 5.0x5.2x1.0 mm | | | 8,55 | 9,10 |
| SMB1N-D470-02, 470 nm, 400 mW, 350 mA, <3.8 V, 20°, 5.0x5.2x5.5 mm | | | 10,20 | 10,86 |
| SMB1N-490H, 490 nm, 240 mW, 350 mA, <3.8 V, 128°, 5.0x5.2x1.0 mm | | | 8,55 | 9,10 |
| SMB1N-490H-02, 490 nm, 240 mW, 350 mA, <3.8 V, 22°, 5.0x5.2x5.5 mm | | | 10,20 | 10,86 |
| 500 nm | | | | |
| SMB1N-515V, 515 nm, 230 mW, 350 mA, <3.6 V, 126°, 5.0x5.2x1.0 mm | | | 8,45 | 8,99 |
| SMB1N-515V-02, 515 nm, 250 mW, 350 mA, <3.6 V, 18°, 5.0x5.2x5.5 mm | | | 10,65 | 11,34 |
| SMB1N-D520, 520 nm, 250 mW, 350 mA, <3.8 V, 128°, 5.0x5.2x1.0 mm | | | 6,80 | 7,24 |
| SMB1N-D520-02, 520 nm, 250 mW, 350 mA, <3.8 V, 22°, 5.0x5.2x5.5 mm | | | 10,20 | 10,86 |
| SMB1N-525V, 525 nm, 230 mW, 350 mA, <3.6 V, 126°, 5.0x5.2x1.0 mm | | | 8,45 | 8,99 |
| SMB1N-525V-02, 525 nm, 230 mW, 350 mA, <3.6 V, 22°, 5.0x5.2x5.5 mm | | | 10,65 | 11,34 |
| SMB1N-550H, 550 nm, 100 mW, 350 mA, <3.4 V, 130°, 5.0x5.2x1.0 mm | NEW | | 12,95 | 13,78 |
| SMB1N-550H-02, 550 nm, 100 mW, 350 mA, <3.4 V, ~20°, 5.0x5.2x5.5 mm | NEW | | 15,45 | 16,44 |
| SMB1N-590, 590 nm, 120 mW, 350 mA, <3.0 V, 126°, 5.0x5.2x1.0 mm | | | 10,55 | 11,23 |
| SMB1N-590-02, 590 nm, 120 mW, 350 mA, <3.0 V, 18°, 5.0x5.2x5.5 mm | | | 10,55 | 11,23 |
| 600 nm | | | | |
| SMB1N-620D, 620 nm, 190 mW, 350 mA, <2.7 V, 128°, 5.0x5.2x1.0 mm | | | 8,26 | 8,79 |
| SMB1N-620-02, 620 nm, 190 mW, 350 mA, <2.7 V, 20°, 5.0x5.2x5.5 mm | EOL | | 9,15 | 9,74 |
| SMB1N-620D-02, 620 nm, 190 mW, 350 mA, <2.7 V, 20°, 5.0x5.2x5.5 mm | | | 10,43 | 11,10 |
| SMB1N-D630, 630 nm, 330 mW, 350 mA, <2.8 V, 126°, 5.0x5.2x1.0 mm | | | 8,35 | 8,89 |
| SMB1N-D630-02, 630 nm, 290 mW, 350 mA, <2.8 V, 18°, 5.0x5.2x5.5 mm | | | 10,55 | 11,23 |
| SMB1N-D660N, 660 nm, 320 mW, 350 mA, <3.0 V, 126°, 5.0x5.2x1.0 mm | | | 7,35 | 7,82 |
| SMB1N-D660N-02, 660 nm, 320 mW, 350 mA, <3.0 V, 20°, 5.0x5.2x5.5 mm | | | 9,55 | 10,16 |
| SMB1N-670D, 670 nm, 520 mW, 600 mA, <2.5 V, 128°, 5.0x5.2x1.0 mm | | | 9,55 | 10,16 |
| SMB1N-670D-02, 670 nm, 520 mW, 600 mA, <3.0 V, 18°, 5.0x5.2x5.5 mm | | | 11,75 | 12,51 |
| SMB1N-680-02, 680 nm, 170 mW, 600 mA, <2.5 V, 18°, 5.0x5.2x5.5 mm | EOL | | 9,74 | 10,37 |
| SMB1N-680D, 680 nm, 520 mW, 600 mA, <3.0 V, 128°, 5.0x5.2x1.0 mm | | | 9,55 | 10,16 |
| SMB1N-680D-02, 680 nm, 520 mW, 600 mA, <3.0 V, 18°, 5.0x5.2x5.5 mm | | | 13,05 | 13,89 |
| SMB1N-690D, 690 nm, 520 mW, 600 mA, <3.0 V, 128°, 5.0x5.2x1.0 mm | | | 9,55 | 10,16 |
| SMB1N-690D-02, 690 nm, 520 mW, 600 mA, <3.0 V, 18°, 5.0x5.2x5.5 mm | | | 11,75 | 12,51 |

| SMB1N SMD High Power LEDs IR 700 - 1650 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|---------|----------|----------|
| SMB1N-700, 700 nm, 120 mW, 500 mA, <2.7V, 130°, 5.0x5.2x1.0 mm | EOL | | 8,41 | 8,95 |
| SMB1N-700D, 700 nm, 200 mW, 500 mA, <2.3 V, 128°, 5.0x5.2x1.0 mm | | | 9,54 | 10,15 |
| SMB1N-700D-02, 700 nm, 200 mW, 500 mA, <2.3 V, 20°, 5.0x5.2x5.5 mm | | | 11,76 | 12,52 |
| SMB1N-720, 720 nm, 170 mW, 600 mA, <2.8 V, 130°, 5.0x5.2x1.0 mm | EOL | | 9,80 | 10,43 |
| SMB1N-720D, 720 nm, 520 mW, 600 mA, <2.4 V, 128°, 5.0x5.2x1.0 mm | | | 9,55 | 10,16 |
| SMB1N-720D-02, 720 nm, 520 mW, 600 mA, <2.4 V, 20°, 5.0x5.2x5.5 mm | | 36 pcs. | 12,25 | 13,04 |
| SMB1N-735, 735 nm, 200 mW, 600 mA, <2.3 V, 130°, 5.0x5.2x1.0 mm | EOL | | 9,55 | 10,16 |
| SMB1N-735-02, 735 nm, 200 mW, 600 mA, <2.3 V, 22°, 5.0x5.2x5.5 mm | EOL | | 11,75 | 12,51 |
| SMB1N-740D, 740 nm, 290 mW, 600 mA, <2.4 V, 130°, 5.0x5.2x1.0 mm | | | 9,55 | 10,16 |
| SMB1N-740D-02, 740 nm, 290 mW, 600 mA, <2.4 V, 20°, 5.0x5.2x5.5 mm | | | 11,75 | 12,51 |
| SMB1N-750, 750 nm, 290 mW, 800 mA, <2.4 V, 126°, 5.0x5.2x1.0 mm | EOL | | 9,55 | 10,16 |
| SMB1N-750-02, 750 nm, 290 mW, 800 mA, <2.4 V, 20°, 5.0x5.2x5.5 mm | EOL | | 11,75 | 12,51 |
| SMB1N-750D, 750 nm, 700 mW, 800 mA, <2.5 V, 128°, 5.0x5.2x1.0 mm | | | 9,54 | 10,15 |
| SMB1N-750D-02, 750 nm, 700 mW, 800 mA, <2.5 V, 18°, 5.0x5.2x5.5 mm | | 36 pcs. | 11,76 | 12,52 |
| SMB1N-760D, 760 nm, 400 mW, 800 mA, <2.5 V, 128°, 5.0x5.2x1.0 mm | | | 9,55 | 10,16 |
| SMB1N-760D-02, 760 nm, 400 mW, 800 mA, <2.5 V, 18°, 5.0x5.2x5.5 mm | | | 11,75 | 12,51 |
| SMB2N-760D-I, 760 nm, 800 mW, 800 mA, <5.0 V, 2 chip dies, isolated, 5.0x5.2x1.0 mm | | 50 pcs. | 13,32 | 14,18 |
| SMB3N-760D-I, 760 nm, 800 mA, 3 chip dies, isolated, 5.0x5.2x1.0 mm | | 50 pcs. | 19,99 | 21,28 |
| SMB1N-770D, 770 nm, xxx mW, xxx mA, <x.x V, 128°, 5.0x5.2x1.0 mm | | | 9,55 | 10,16 |
| SMB1N-770D-02, 770 nm, xxx mW, xxx mA, <x.x V, 18°, 5.0x5.2x1.0 mm | | | 11,76 | 12,52 |
| SMB1N-770, 770 nm, 290 mW, 800 mA, <2.5 V, 130°, 5.0x5.2x1.0 mm | | | 9,55 | 10,16 |
| SMB1N-770-02, 770 nm, 290 mW, 800 mA, <2.5 V, 20°, 5.0x5.2x5.5 mm | | | 11,75 | 12,51 |
| SMB1N-780D, 780 nm, 650 mW, 800 mA, <2.6 V, 128°, 5.0x5.2x1.0 mm | | | 9,55 | 10,16 |
| SMB1N-780D-02, 780 nm, 650 mW, 800 mA, <2.6 V, 20°, 5.0x5.2x5.5 mm | | | 11,75 | 12,51 |
| SMB2N-780D-I, 780 nm, 800 mW, 800 mA, <5.2 V, 2 chip dies, isolated, 5.0x5.2x1.0 mm | | | o.r. | o.r. |
| 800 nm | | | | |
| SMB1N-800D, 800 nm, 450 mW, 800 mA, <2.6 V, 128°, 5.0x5.2x1.0 mm | | | 9,55 | 10,16 |
| SMB1N-800D-02, 800 nm, 450 mW, 800 mA, <2.6 V, 18°, 5.0x5.2x5.5 mm | | | 11,75 | 12,51 |
| SMB1N-810D, 810 nm, 560 mW, 800 mA, <2.5 V, 126°, 5.0x5.2x1.0 mm | | | 10,65 | 11,34 |
| SMB1N-810D-02, 810 nm, 560 mW, 800 mA, <2.5 V, 20°, 5.0x5.2x5.5 mm | | | 12,90 | 13,73 |
| SMB1N-830N, 830 nm, 280 mW, 800 mA, <2.2 V, 128°, 5.0x5.2x1.0 mm | | | 8,90 | 9,47 |
| SMB1N-830N-02, 830 nm, 340 mW, 800 mA, <2.2 V, 18°, 5.0x5.2x5.5 mm | | | 10,90 | 11,60 |
| SMB1N-850D, 850 nm, 780 mW, 1 A, <2.5 V, 130°, 5.0x5.2x1.0 mm | | | 8,65 | 9,21 |
| SMB1N-850D-02, 850 nm, 630 mW, 1 A, <2.5V, 22°, 5.0x5.2x5.5 mm | | | 10,90 | 11,60 |
| SMB1N-850DS, 850 nm, 1.4 W, 1 A, <4.2 V, 128°, 5.0x5.2x1.0 mm | | | 13,65 | 14,53 |
| SMB1N-850DS-02, 850 nm, 1.4 W, 1 A, <4.2V, 20°, 5.0x5.2x5.5 mm | | | 15,85 | 16,87 |
| SMB2N-850D-I, 850 nm, 1.2 W, 1 A, Vf <4.8V, 122°, 2 chip dies, 5.0x5.2x1.0 mm | | | 17,15 | 18,25 |
| SMB3N-850D-I, 850 nm, 1.8 W, 1 A, <7.2 V, 120°, 3 chip dies, 5.0x5.2x1.0 mm | | | 24,40 | 25,97 |
| SMB1N-870, 870 nm, 440 mW, 1 A, <2.0 V, 130°, 5.0x5.2x1.0 mm | EOL | | 8,90 | 9,47 |

| | | | | |
|---|-----|---------|-------|-------|
| SMB1N-880, 880 nm, 320 mW, 800 mA, <2.2 V, 128°, 5.0x5.2x1.0 mm | | | 8,90 | 9,47 |
| SMB1N-880D, 880 nm, 610 mW, 800 mA, <2.5 V, 130°, 5.0x5.2x1.0 mm | | | 10,65 | 11,34 |
| SMB1N-880D-02, 880 nm, 610 mW, 800 mA, <2.5 V, 18°, 5.0x5.2x5.5 mm | | | 12,90 | 13,73 |
| SMB1N-890D, 890 nm, 590 mW, 800 mA, <2.5 V, 128°, 5.0x5.2x5.5 mm | | 36 pcs. | 10,66 | 11,35 |
| SMB1N-890D-02, 890 nm, 590 mW, 800 mA, <2.5 V, 18°, 5.0x5.2x5.5 mm | | 36 pcs. | 12,88 | 13,71 |
| SMB1N-890DS, 890 nm, 1.4 W, 1 A, <4.0 V, 128°, 5.0x5.2x1.0 mm | | | 13,65 | 14,53 |
| SMB1N-890DS-02, 890 nm, 1.4 W, 1 A, <4.0 V, 20°, 5.0x5.2x5.5 mm | | | 15,85 | 16,87 |
| 900 nm | | | | |
| SMB1N-910D, 910 nm, 850 mW, 1 A, <2.5 V, 126°, 5.0x5.2x1.0 mm | | | 8,65 | 9,21 |
| SMB1N-910D-02, 910 nm, 850 mW, 1 A, <2.5 V, 20°, 5.0x5.2x5.5 mm | | | 10,87 | 11,57 |
| SMB1N-940-02, 940 nm, 120 mW, 500 mA, <1.8 V, 24°, 5.0x5.2x1.0 mm | EOL | | 9,30 | 9,90 |
| SMB1N-940D, 940 nm, 630 mW, 1 A, <1.8 V, 128°, 5.0x5.2x1.0 mm | | | 8,65 | 9,21 |
| SMB1N-940D-02, 940 nm, 630 mW, 1 A, <1.8 V, 20°, 5.0x5.2x5.5 mm | | | 10,90 | 11,60 |
| SMB1N-940DS, 940 nm, 1.3 W, 1 A, <3.8 V, 128°, 5.0x5.2x1.0 mm | | | 13,65 | 14,53 |
| SMB1N-940DS-02, 940 nm, 1.3 W, 1 A, <3.8 V, 20°, 5.0x5.2x5.5 mm | | | 15,85 | 16,87 |
| SMB1N-970-02, 970 nm, 30 mW, 400 mA, <1.7 V, 20°, 5.0x5.2x5.5 mm | EOL | | 7,75 | 8,25 |
| SMB1N-970D, 970 nm, 780 mW, 1 A, <2.5 V, 130°, 5.0x5.2x1.0 mm | | | 9,10 | 9,69 |
| SMB1N-970D-02, 970 nm, 780 mW, 1 A, <2.5 V, 20°, 5.0x5.2x5.5 mm | | 36 pcs. | 11,30 | 12,03 |
| SMB1N-980D, 980 nm, 400 mW, 800 mA, <2.0 V, 128°, 5.0x5.2x1.0 mm | | | 9,10 | 9,69 |
| SMB1N-980D-02, 980 nm, 400 mW, 800 mA, <2.0 V, 20°, 5.0x5.2x5.5 mm | | | 11,35 | 12,08 |
| 1000 nm | | | | |
| SMB1N-1050, 1050 nm, 35 mW, 500 mA, <1.65 V, 134°, 5.0x5.2x1.0 mm | EOL | | 27,80 | 29,59 |
| SMB1N-1050-02, 1050 nm, 35 mW, 500 mA, <1.65 V, 20°, 5.0x5.2x5.5 mm | EOL | | 27,80 | 29,59 |
| SMB1N-1050D, 1050 nm, 160 mW, 1 A, <2.2 V, 128°, 5.0x5.2x1.0 mm | | 36 pcs. | 42,05 | 44,76 |
| SMB1N-1050D-02, 1050 nm, 200 mW, 1 A, <2.2 V, 18°, 5.0x5.2x5.5 mm | | | 43,65 | 46,46 |
| SMB1N-1050GD, 1050 nm, 700 mW at 1 A, <1.8 V, 128°, 5.0x5.2x1.0 mm | | | 48,08 | 51,17 |
| SMB1N-1050GD-02, 1050 nm, 750 mW at 1 A, <1.8 V, 20°, 5.0x5.2x5.5 mm | | | 52,27 | 55,63 |
| SMB1N-1100D, 1100 nm, 280 mW, 1 A, <1.8 V, 128°, 5.0x5.2x1.0 mm | | 36 pcs. | 42,05 | 44,76 |
| SMB1N-1100D-02, 1100 nm, 350 mW, 1 A, <1.8 V, 18°, 5.0x5.2x5.5 mm | | | 43,65 | 46,46 |
| SMB1N-1150D, 1150 nm, 210 mW, 1 A, <1.8 V, 128°, 5.0x5.2x1.0 mm | | | 42,05 | 44,76 |
| SMB1N-1150D-02, 1150 nm, 260 mW, 1 A, <1.8 V, 18°, 5.0x5.2x5.5 mm | | | 43,65 | 46,46 |
| SMB1N-1200-02, 1200 nm, 35 mW, 500 mA, <1.4 V, 18°, 5.0x5.2x5.5 mm | EOL | | 27,80 | 29,59 |
| SMB1N-1200S, 1200 nm, 50 mW at 500 mA, <1.4 V, 136°, 5.0x5.2x1.0 mm | | | 40,22 | 42,81 |
| SMB1N-1200D, 1200 nm, 180 mW, 1 A, <1.7 V, 128°, 5.0x5.2x1.0 mm | | 36 pcs. | 42,05 | 44,76 |
| SMB1N-1200D-02, 1200 nm, 220 mW, 1 A, <1.7 V, 18°, 5.0x5.2x5.5 mm | | | 43,65 | 46,46 |
| SMB1N-1300L, 1300 nm, 25 mW, 500 mA, <1.4 V, 134°, 5.0x5.2x1.0 mm | EOL | | 21,60 | 22,99 |
| SMB1N-1300S, 1300 nm, 45 mW at 500 mA, <1.4 V, 136°, 5.0x5.2x1.0 mm | | | 40,22 | 42,81 |
| SMB1N-1300S-02, 1300 nm, 45 mW at 500 mA, <1.4 V, 20°, 5.0x5.2x5.5 mm | | | 41,76 | 44,45 |
| SMB1N-1300D, 1300 nm, 160 mW, 1 A, <1.7 V, 128°, 5.0x5.2x1.0 mm | | 36 pcs. | 42,05 | 44,76 |
| SMB1N-1300D-02, 1300 nm, 200 mW, 1 A, <1.7 V, 18°, 5.0x5.2x5.5 mm | | | 43,65 | 46,46 |
| SMB1N-1450D, 1450 nm, 72 mW, 1 A, <1.7 V, 128°, 5.0x5.2x1.0 mm | | | 42,05 | 44,76 |
| SMB1N-1450D-02, 1450 nm, 90 mW, 1 A, <1.7 V, 18°, 5.0x5.2x5.5 mm | | | 43,65 | 46,46 |
| SMB1N-1550S, 1550 nm, 20 mW, 500 mA, <1.4 V, 136°, 5.0x5.2x1.0 mm | | | 32,20 | 34,27 |
| SMB1N-1550D, 1550 nm, 50 mW, 1 A, <1.7 V, 128°, 5.0x5.2x1.0 mm | | | 43,65 | 46,46 |
| SMB1N-1550D-02, 1550 nm, 62 mW, 1 A, <1.7 V, 20°, 5.0x5.2x5.5 mm | | | 43,65 | 46,46 |
| SMB1N-1650S, 1650 nm, 16 mW at 500 mA, <1.5 V, 136°, 5.0x5.2x1.0 mm | | | 40,22 | 42,81 |
| SMB1N-1650-02, 1650 nm, 16 mW, 500 mA, <1.5 V, 20°, 5.0x5.2x5.5 mm | EOL | | 27,80 | 29,59 |
| SMB1N-1650D, 1650 nm, 36 mW, 1 A, <1.6 V, 128°, 5.0x5.2x1.0 mm | | 36 pcs. | 42,05 | 44,76 |
| SMB1N-1650D-02, 1650 nm, 45 mW, 1 A, <1.6 V, 18°, 5.0x5.2x5.5 mm | | | 43,65 | 46,46 |
| SMB1N-1900D, 1900 nm, 27 mW, 1 A, <1.6 V, 128°, 5.0x5.2x1.0 mm | NEW | 36 pcs. | 41,90 | 44,60 |
| SMB1N-1900D-02, 1900 nm, 30 mW, 1 A, <1.6 V, 18°, 5.0x5.2x5.5 mm | NEW | | 44,20 | 47,04 |

SMB1C HIGH POWER LEDs - SMD



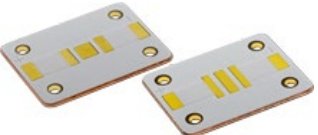

1 W high power LED series, power chip technology
chip size 1 x 1 mm², mounted on copper heat sink
Ceramic SMD package, 3.45 x 3.45 mm
silicone resin

365 nm - 1650 nm

| SMB1C SMD High Power LEDs UV 365 - 395nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|---------|----------|----------|
| SMB1C-365V, 365 nm, 850 mW, 500 mA, <4.5 V, 120°, 3.45x3.45x2.06 mm | | 50 pcs. | 15,78 | 16,80 |
| SMB1C-365V-S5, 365 nm, 850 mW, 500 mA, <4.5 V, 78°, 3.45x3.45x2.80 mm | | 50 pcs. | 15,78 | 16,80 |
| SMB1C-375V, 375 nm, 560 mW, 500 mA, <4.5 V, 122°, 3.45x3.45x2.06 mm | | 50 pcs. | 12,85 | 13,68 |
| SMB1C-375V-S5, 375 nm, 560 mW, 500 mA, <4.5 V, 78°, 3.45x3.45x2.80 mm | | 50 pcs. | 12,85 | 13,68 |
| SMB1C-385V, 385 nm, 1.1 W, 500 mA, <3.9 V, 120°, 3.45x3.45x2.06 mm | | 50 pcs. | 12,85 | 13,68 |
| SMB1C-385V-S5, 385 nm, 1.1 W, 500 mA, <4.5 V, 78°, 3.45x3.45x2.80 mm | | 50 pcs. | 12,85 | 13,68 |
| SMB1C-395V, 395 nm, 750 mW, 500 mA, <4.5 V, 114°, 3.45x3.45x2.06 mm | | 50 pcs. | 10,81 | 11,51 |
| SMB1C-395V-S5, 395 nm, 750 mW, 500 mA, <4.5 V, 74°, 3.45x3.45x2.80 mm | | 50 pcs. | 10,81 | 11,51 |


| SMB1C SMD High Power LEDs VIS 405 - 700 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----------|----------|----------|
| SMB1C-405V, 405 nm, 710 mW, 500 mA, <4.2 V, 122°, 3.45x3.45x2.06 mm | | 50 pcs. | 10,81 | 11,51 |
| SMB1C-405V-S5, 405 nm, 710 mW, 500 mA, <4.2 V, 74°, 3.45x3.45x2.80 mm | | 50 pcs. | 10,81 | 11,51 |
| SMB1C-435V, 435 nm, 3.45x3.45x2.06 mm | | 1000 pcs. | 10,03 | 10,68 |
| SMB1C-435V-S5, 435 nm, 3.45x3.45x2.80 mm | | 1000 pcs. | 10,03 | 10,68 |
| SMB1C-450V, 450 nm, 850 mW, 500 mA, <4.5 V, 130°, 3.45x3.45x2.06 mm | | | o.r. | o.r. |
| SMB1C-525V, 525 nm, 230 mW, 350 mA, <3.6 V, 130°, 3.45x3.45x2.06 mm | | 50 pcs. | 9,75 | 10,38 |
| SMB1C-525V-S5, 525 nm, 230 mW, 350 mA, <3.6 V, 74°, 3.45x3.45x2.80 mm | | 50 pcs. | 9,75 | 10,38 |
| SMB1C-590D, 590 nm, 120 mW, 1 A, <3.0 V, 124°, 3.45x3.45x2.06 mm | | 50 pcs. | 9,75 | 10,38 |
| SMB1C-590D-S5, 590 nm, 3.45x3.45x2.80 mm | | 50 pcs. | 9,75 | 10,38 |
| SMB1C-620D, 620 nm, 190 mW, 350 mA, 126°, 3.45x3.45x2.06 mm | | 50 pcs. | 9,75 | 10,38 |
| SMB1C-620D-S5, 620 nm, 3.45x3.45x2.80 mm | | 50 pcs. | 9,75 | 10,38 |


| | | | | | |
|---|---------|---------------|------------|-----------------|-----------------|
| SMB1C-630V, 630 nm, 270 mW, 350 mA, <2.8 V, 124°, 3.45x3.45x2.06 mm | 50 pcs. | 9,75 | 10,38 | | |
| SMB1C-630V-S5, 630 nm, 270 mW, 350 mA, <2.8 V, 78°, 3.45x3.45x2.80 mm | 50 pcs. | 9,75 | 10,38 | | |
| SMB1C-660D, 660 nm, 320 mW, 350 mA, <3.0 V, 128°, 3.45x3.45x2.06 mm | 50 pcs. | 8,78 | 9,35 | | |
| SMB1C-660D-S5, 660 nm, 320 mW, 350 mA, <3.0 V, 82°, 3.45x3.45x2.80 mm | 50 pcs. | 8,78 | 9,35 | | |
| SMB1C-680D, 680 nm, 520 mW, 600 mA, <3.0 V, 122°, 3.45x3.45x2.06 mm | 50 pcs. | 10,74 | 11,43 | | |
| SMB1C-680D-S5, 680 nm, 520 mW, 600 mA, <3.0 V, 78°, 3.45x3.45x2.80 mm | 50 pcs. | 10,74 | 11,43 | | |
| SMB1C-690D, 690 nm, 520 mW, 600 mA, <3.0 V, 128°, 3.45x3.45x2.06 mm | 50 pcs. | 10,74 | 11,43 | | |
| SMB1C-690-S5, 690 nm, 520 mW, 600 mA, <3.0 V, 82°, 3.45x3.45x2.80 mm | 50 pcs. | 10,74 | 11,43 | | |
| SMB1C SMD High Power LEDs IR 700 - 1650 nm | | Status | MOQ | EUR / pc | USD / pc |
| SMB1C-700D, 700 nm, 200 mW, 500 mA, <2.3 V, 128°, 3.45x3.45x2.06 mm | 50 pcs. | | 10,74 | 11,43 | |
| SMB1C-700D-S5, 700 nm, 200 mW, 500 mA, <2.3 V, 80°, 3.45x3.45x2.80 mm | 50 pcs. | | 10,74 | 11,43 | |
| SMB1C-720, 720 nm, 170 mW, 600 mA, <2.8 V, 126°, 3.45x3.45x2.06 mm | 50 pcs. | | 10,92 | 11,62 | |
| SMB1C-720-S5, 720 nm, 3.45x3.45x2.80 mm | 50 pcs. | | 10,92 | 11,62 | |
| SMB1C-740D, 740 nm, 290 mW, 600 mA, <2.4 V, 130°, 3.45x3.45x2.06 mm | 50 pcs. | | 10,74 | 11,43 | |
| SMB1C-740D-S5, 740 nm, 290 mW, 600 mA, <2.4 V, 78°, 3.45x3.45x2.80 mm | 50 pcs. | | 10,74 | 11,43 | |
| SMB1C-750, 750 nm, 122°, 3.45x3.45x2.06 mm | 50 pcs. | | 10,74 | 11,43 | |
| SMB1C-750-S5, 750 nm, 290 mW, 800 mA, <2.4 V, 78°, 3.45x3.45x2.80 mm | | | 10,58 | 11,26 | |
| SMB1C-750D, 750 nm, 700 mW, 800 mA, <2.5 V, 126°, 3.45x3.45x2.06 mm | 50 pcs. | | 10,59 | 11,27 | |
| SMB1C-750D-S5, 750 nm, 700 mW, 800 mA, <2.5 V, 84°, 3.45x3.54x2.80 mm | 50 pcs. | | 10,58 | 11,26 | |
| SMB1C-760D, 760 nm, 400 mW, 800 mA, <2.5 V, 126°, 3.45x3.45x2.06 mm | 50 pcs. | | 10,74 | 11,43 | |
| SMB1C-760D-S5, 760 nm, 400 mW, 800 mA, <2.5 V, 78°, 3.45x3.45x2.80 mm | 50 pcs. | | 10,74 | 11,43 | |
| SMB1C-780D, 780 nm, 500 mW, 800 mA, <2.6 V, 126°, 3.45x3.45x2.06 mm | 50 pcs. | | 10,74 | 11,43 | |
| SMB1C-780D-S5, 780 nm, 500 mW, 800 mA, <2.6 V, 82°, 3.45x3.45x2.80 mm | 50 pcs. | | 10,74 | 11,43 | |
| 800 nm | | | | | |
| SMB1C-800D, 800 nm, 450 mW, 800 mA, <2.6 V, 124°, 3.45x3.45x2.06 mm | 50 pcs. | | 10,74 | 11,43 | |
| SMB1C-800D-S5, 800 nm, 450 mW, 800 mA, <2.6 V, 82°, 3.45x3.45x2.80 mm | 50 pcs. | | 10,74 | 11,43 | |
| SMB1C-810D, 810 nm, 520 mW, 800 mA, <2.5 V, 124°, 3.45x3.45x2.06 mm | 50 pcs. | | 11,69 | 12,44 | |
| SMB1C-810DS, 810 nm, 1.2 W, 1 A, <4.2 V, 132°, 3.45x3.45x2.06 mm | 50 pcs. | | 14,33 | 15,25 | |
| SMB1C-810D-S5, 810 nm, 520 mW, 800 mA, <2.5 V, 78°, 3.45x3.45x2.80 mm | 50 pcs. | | 11,69 | 12,44 | |
| SMB1C-810DS-S5, 810 nm, 1.2 W, 1 A, <4.2 V, 78°, 3.45x3.45x2.80 mm | 50 pcs. | | 14,33 | 15,25 | |
| SMB1C-830N, 830 nm, 340 mW, 800 mA, <2.2 V, 128°, 3.45x3.45x2.06 mm | 50 pcs. | | 10,12 | 10,77 | |
| SMB1C-830N-S5, 830 nm, 340 mW, 800 mA, <2.2 V, 78°, 3.45x3.45x2.06 mm | 50 pcs. | | 10,12 | 10,77 | |
| SMB1C-850D, 850 nm, 780 mW, 1 A, <1.9 V, 120°, 3.45x3.45x2.06 mm | 50 pcs. | | 9,95 | 10,59 | |
| SMB1C-850DS, 850 nm, 1.4 W, 1 A, <4.2 V, 132°, 3.45x3.45x2.06 mm | 50 pcs. | | 14,33 | 15,25 | |
| SMB1C-850D-S5, 850 nm, 780 mW, 1 A, <1.9 V, 78°, 3.45x3.45x2.80 mm | 50 pcs. | | 9,95 | 10,59 | |
| SMB1C-850DS-S5, 850 nm, 1.4 W, 1 A, <4.2 V, 78°, 3.45x3.45x2.80 mm | 50 pcs. | | 14,33 | 15,25 | |
| SMB1C-880D, 880 nm, 610 mW, 800 mA, 124°, 3.45x3.45x2.06 mm | 50 pcs. | | 11,69 | 12,44 | |
| SMB1C-880D-S5, 880 nm, 610 mW, 800 mA, 78°, 3.45x3.45x2.80 mm | 50 pcs. | | 11,69 | 12,44 | |
| SMB1C-890DS, 890 nm, 1.4 W, 1 A, <4.0 V, 132°, 3.45x3.45x2.06 mm | 50 pcs. | | 14,33 | 15,25 | |
| SMB1C-890DS-S5, 890 nm, 1.4 W, 1 A, <4.0 V, 80°, 3.45x3.45x2.80 mm | 50 pcs. | | 14,33 | 15,25 | |
| 900 nm | | | | | |
| SMB1C-910D, 910 nm, 850 mW, 1 A, <2.5 V, 126°, 3.45x3.45x2.06 mm | 50 pcs. | | 9,95 | 10,59 | |
| SMB1C-910D-S5, 910 nm, 850 mW, 1 A, <2.5 V, 82°, 3.45x3.45x2.80 mm | 50 pcs. | | 9,95 | 10,59 | |
| SMB1C-940D, 940 nm, 630 mW, 1 A, <1.8 V, 122°, 3.45x3.45x2.06 mm | 50 pcs. | | 9,95 | 10,59 | |
| SMB1C-940DS, 940 nm, 1.3 W, 1 A, <3.8 V, 132°, 3.45x3.45x2.06 mm | 50 pcs. | | 14,33 | 15,25 | |
| SMB1C-940D-S5, 940 nm, 630 mW, 1 A, <1.8 V, 78°, 3.45x3.45x2.80 mm | 50 pcs. | | 9,95 | 10,59 | |
| SMB1C-940DS-S5, 940 nm, 1.3 W, 1 A, <3.8 V, 76°, 3.45x3.45x2.80 mm | 50 pcs. | | 14,33 | 15,25 | |
| SMB1C-970D, 970 nm, 780 mW, 1 A, <2.5 V, 136°, 3.45x3.45x2.06 mm | 50 pcs. | | 10,32 | 10,98 | |
| SMB1C-970D-S5, 970 nm, 780 mW, 1 A, <2.5 V, 84°, 3.45x3.45x2.80 mm | 50 pcs. | | 10,32 | 10,98 | |
| SMB1C-980D, 980 nm, 400 mW, 800 mA, <2.0 V, 134°, 3.45x3.45x2.06 mm | 50 pcs. | | 10,32 | 10,98 | |
| SMB1C-980D-S5, 980 nm, 400 mW, 800 mA, <2.0 V, 76°, 3.45x3.45x2.80 mm | 50 pcs. | | 10,32 | 10,98 | |
| 1000 nm | | | | | |
| SMB1C-1050D, 1050 nm, 200 mW, 1 A, <2.2 V, 132°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1050D-S5, 1050 nm, 200 mW, 1 A, <2.2 V, 88°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1050GD, 1050 nm, 750 mW, 1 A, <1.8 V, 122°, 3.45x3.45x2.06 mm | 50 pcs. | | 46,97 | 49,99 | |
| SMB1C-1050GD-S5, 1050 nm, 750 mW, 1 A, <1.8 V, 78°, 3.45x3.45x2.80 mm | 50 pcs. | | 46,97 | 49,99 | |
| SMB1C-1050S, 1050 nm, 52 mW, 500 mA, <1.65 V, 152°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1050S-S5, 1050 nm, 52 mW, 500 mA, <1.65 V, 92°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1100D, 1100 nm, 350 mW, 1 A, <1.8 V, 132°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1100D-S5, 1100 nm, 350 mW, 1 A, <1.8 V, 80°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1100S, 1100 nm, 52 mW, 500 mA, <1.65 V, 152°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1100S-S5, 1100 nm, 52 mW, 500 mA, <1.65 V, 92°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1150D, 1150 nm, 260 mW, 1 A, <1.8 V, 132°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1150D-S5, 1150 nm, 260 mW, 1 A, <1.8 V, 80°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1150S, 1150 nm, 50 mW, 500 mA, <1.4 V, 150°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1150S-S5, 1150 nm, 50 mW, 500 mA, <1.4 V, 88°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1200D, 1200 nm, 220 mW, 1 A, <1.7 V, 126°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1200D-S5, 1200 nm, 220 mW, 1 A, <1.7 V, 84°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1200S, 1200 nm, 50 mW, 500 mA, <1.4 V, 150°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1200S-S5, 1200 nm, 50 mW, 500 mA, <1.4 V, 88°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1300D, 1300 nm, 200 mW, 1 A, <1.7 V, 136°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1300D-S5, 1300 nm, 200 mW, 1 A, <1.7 V, 86°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1300S, 1300 nm, 45 mW, 500 mA, <1.4 V, 150°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1300S-S5, 1300 nm, 45 mW, 500 mA, <1.4 V, 88°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1450D, 1450 nm, 90 mW, 1 A, <1.7 V, 136°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1450D-S5, 1450 nm, 90 mW, 1 A, <1.7 V, 88°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1450S, 1450 nm, 25 mW, 500 mA, <1.4 V, 136°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1450S-S5, 1450 nm, 25 mW, 500 mA, <1.4 V, 78°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1550D, 1550 nm, 62 mW, 1 A, <1.7 V, 134°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1550D-S5, 1550 nm, 62 mW, 1 A, <1.7 V, 90°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1550S, 1550 nm, 20 mW, 500 mA, <1.4 V, 136°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1550S-S5, 1550 nm, 20 mW, 500 mA, <1.4 V, 78°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1650D, 1650 nm, 45 mW, 1 A, <1.6 V, 134°, 3.45x3.45x2.06 mm | 50 pcs. | | 43,50 | 46,30 | |
| SMB1C-1650D-S5, 1650 nm, 45 mW, 1 A, <1.6 V, 90°, 3.45x3.45x2.80 mm | 50 pcs. | | 43,50 | 46,30 | |

| | | | |
|--|---------|-----------------|-----------------|
| SMB1C-1650S, 1650 nm, 16 mW, 500 mA, <1.5 V, 146°, 3.45x3.45x2.06 mm | 50 pcs. | 43,50 | 46,30 |
| SMB1C-1650S-S5, 1650 nm, 16 mW, 500 mA, <1.5 V, 90°, 3.45x3.45x2.80 mm | 50 pcs. | 43,50 | 46,30 |
| ACCESSORIES for SMBxN LEDs | | Status | MOQ |
|  <p>PCB boards to get your SMB LEDs mounted easily! Available for SMB1W and SMB1N series size: 17 x 23 mm</p> | | EUR / pc | USD / pc |
| SMB1N-PCB, PCB for SMB1N series, 17 x 23 mm | | 5,76 | 6,13 |
| SMB1C-PCB, PCB for SMB1C series, 17 x 23 mm | | 5,76 | 6,13 |
|  <p>Taped Lens for SMB LEDs Clear Lens with holder, taped for easy mounting. Optical grade PMMA with high temperature resistance (105°C) size: Ø16.1 x 10.1 mm</p> | | | |
| SMB-LENS, 10 degree FWHM, PMMA, Ø16.1 x 10.1 mm | | 9,87 | 10,51 |

GD35 HIGH POWER LEDS - SMD




| | | | |
|---|--|---------------|------------|
|  <p>Ceramic 3535 SMD package High power 1x1 mm² chip Silicone resin dome lens PCBs available</p> | | | |
| GD35 SMD High Power LEDs UV - IR 370 - 1330 nm | | Status | MOQ |
| UV | | | |
| GD35X-370-DL, 370 nm, 350 mA, 600 mW, 3535 SMD, dome lens | | 3,90 | 4,15 |
| GD35X-380-DL, 380 nm, 350 mA, 600 mW, 3535 SMD, dome lens | | 3,30 | 3,51 |
| GD35X-390-DL, 390 nm, 350 mA, 600 mW, 3535 SMD, dome lens | | 3,30 | 3,51 |
| GD35X-400-DL, 400 nm, 350 mA, 500 mW, 3535 SMD, dome lens | | 3,30 | 3,51 |
| VIS | | | |
| GD35V-445-DL, 445 nm, 350 mA, 10 lm, 3535 SMD, dome lens | | 2,80 | 2,98 |
| GD35V-465-DL, 465 nm, 350 mA, 30 lm, 3535 SMD, dome lens | | 2,80 | 2,98 |
| GD35V-480-DL, 480 nm, 350 mA, 55 lm, 3535 SMD, dome lens | | 4,20 | 4,47 |
| GD35V-495-DL, 495 nm, 350 mA, 90 lm, 3535 SMD, dome lens | | 4,60 | 4,90 |
| GD35V-525-DL, 525 nm, 350 mA, 120 lm, 3535 SMD, dome lens | | 2,80 | 2,98 |
| GD35V-590-DL, 590 nm, 350 mA, 50 lm, 3535 SMD, dome lens | | 2,80 | 2,98 |
| GD35V-625-DL, 625 nm, 350 mA, 65 lm, 3535 SMD, dome lens | | 4,20 | 4,47 |
| GD35V-655-DL, 655 nm, 350 mA, 25 lm, 3535 SMD, dome lens | | 4,20 | 4,47 |
| GD35V-675-DL, 675 nm, 350 mA, 10 lm, 3535 SMD, dome lens | | 4,20 | 4,47 |
| IR | | | |
| GD35N-735-DL, 735 nm, 350 mA, 250 mW, 3535 SMD, dome lens | | 4,60 | 4,90 |
| GD35N-845-DL, 845 nm, 350 mA, 250 mW, 3535 SMD, dome lens | | 4,25 | 4,52 |
| GD35N-945-DL, 945 nm, 350 mA, 250 mW, 3535 SMD, dome lens | | 5,40 | 5,75 |
| GD35N-1045-DL, 1045 nm, 350 mA, 200 mW, 3535 SMD, dome lens | | 11,90 | 12,67 |
| GD35N-1330-DL, 1330 nm, 350 mA, 70 mW, 3535 SMD, dome lens | | 16,10 | 17,14 |

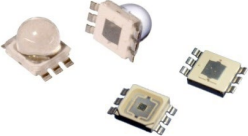
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|--|--|-----------------|-----------------|
| ACCESSORIES for GD35 LEDs | | Status | MOQ |
|  <p>Aluminium PCB boards for GD35 LEDs</p> | | EUR / pc | USD / pc |
| GD35-PCB-8, PCB for GD35 series, aluminium, round, Ø 8 x 1 mm | | 1,20 | 1,28 |
| GD35-PCB-10, PCB for GD35 series, aluminium, round, Ø 10 x 1 mm | | 1,20 | 1,28 |
| GD35-PCB-14, PCB for GD35 series, aluminium, round, Ø 14 x 1 mm | | 1,20 | 1,28 |
| GD35-PCB-20, PCB for GD35 series, aluminium, hexagonal, Ø 20 x 1.5 mm | | 1,20 | 1,28 |

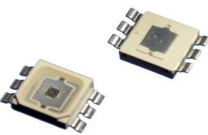
GD65 HIGH POWER LEDS - SMD

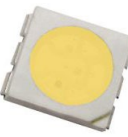



| | | | |
|---|--|-------|-------|
|  <p>Ceramic 6565 SMD package 4 x high power 1x1 mm² chip Silicone resin dome lens PCBs available</p> | | | |
| UV | | | |
| GD65X-365M-DL, 365 nm, 1400 mA, 2500 mW, 6565 SMD, dome lens | | 17,20 | 18,31 |
| GD65X-385M-DL, 385 nm, 1400 mA, 2500 mW, 6565 SMD, dome lens | | 12,40 | 13,20 |
| GD65X-395M-DL, 395 nm, 1400 mA, 2500 mW, 6565 SMD, dome lens | | 12,40 | 13,20 |


| ACCESSORIES for GD65 LEDs | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>Copper PCB boards for GD65 LEDs</p> <p>GD65-PCB-20, PCB for GD65 series, copper, hexagonal, Ø 20 x 1.5 mm</p> | | | 2,90 | 3,09 |


| SMB1W SMD High Power LEDs IR 700 - 1650 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>1 W high power LED series, power chip technology, chip size 1 x 1 mm², mounted on copper heat sink into a hermetic ceramic SMD package, with leads flat or with lens 395 nm - 940 nm available</p> <p>base size: 5.0 x 5.0 mm, silicone / epoxy mold</p> | | | | |
| SMB1W-395R, 395 nm, 100 mW, 200 mA, <4.5 V, 126° | EOL | | 19,44 | 20,69 |
| SMB1W-470-04, 470 nm, 170 mW, 250 mA, <3.8 V, 36° | EOL | | 14,14 | 15,05 |
| SMB1W-490R, 490 nm, 160 mW, 250 mA, <4.1 V, 126° | EOL | | 12,37 | 13,17 |
| SMB1W-525R, 525 nm, 55 mW, 200 mA, <3.8 V, 120° | EOL | | 12,37 | 13,17 |
| SMB1W-670R, 675 nm, 200 mW, 600 mA, <2.0V, 124° | EOL | | 11,49 | 12,23 |
| SMB1W-680R-I, 680 nm, 90 mW, 500 mA, <2.7 V, 124°, isolated | EOL | | 12,37 | 13,17 |
| SMB1W-700-02, 700 nm, 90 mW, 500 mA, <2.7 V, 22° | EOL | | 9,19 | 9,78 |
| SMB1W-700-04, 700 nm, 90 mW, 500 mA, <2.7 V, 48° | EOL | | 9,19 | 9,78 |
| SMB1W-700-04-I, 700 nm, 90 mW, 500 mA, <2.7 V, 48°, isolated | EOL | | 14,14 | 15,05 |
| SMB1W-750-04, 750 nm, 330 mW, 800 mA, <2.5 V, 42° | EOL | | 12,55 | 13,36 |
| SMB1W-760-I, 760 nm, 330 mW, 800 mA, <2.5 V, 124°, isolated | EOL | | 11,66 | 12,41 |
| SMB1W-760-04-I, 760 nm, 330 mW, 800 mA, <2.5 V, 48°, isolated | EOL | | 13,43 | 14,29 |
| SMB1W-770R, 770 nm, 330 mW, 800 mA, <2.5V, 124° | EOL | | 11,66 | 12,41 |
| SMB1W-770-04, 770 nm, 330 mW, 800 mA, <2.5V, 42° | EOL | | 12,55 | 13,36 |
| SMB1W-780-02, 780 nm, 330 mW, 800 mA, <2.5 V, 22° | EOL | | 12,90 | 13,73 |
| SMB1W-780-04-I, 780 nm, 330 mW, 800 mA, <2.5 V, 48°, isolated | EOL | | 13,43 | 14,29 |
| SMB1W-850, 850 nm, 430 mW, 1.0 A, <2.5 V, 132° | EOL | | 9,90 | 10,54 |
| SMB1W-850D, 850 nm, 600 mW, 1.0 A, <2.9 V, 126° | EOL | | 9,90 | 10,54 |
| SMB1W-850D-04, 850 nm, 630 mW, 1.0 A, <2.5 V, 38° | EOL | | 11,49 | 12,23 |
| SMB1W-870, 870 nm, 430 mW, 1.0 A, <2.5 V, 132° | EOL | | 9,90 | 10,54 |
| SMB1W-870-I, 870 nm, 230 mW, 600 mA, <2.1 V, 132°, isolated | EOL | | 10,78 | 11,47 |
| SMB1W-880R-I, 880 nm, 320 mW, 800 mA, <2.2 V, 132°, isolated | EOL | | 12,37 | 13,17 |
| SMB1W-880-04-I, 880 nm, 320 mW, 800 mA, <2.2 V, 42°, isolated | EOL | | 12,55 | 13,36 |
| SMB1W-940-04-I, 940 nm, 110 mW, 500 mA, <1.65 V, 50°, isolated | EOL | | 8,48 | 9,03 |


| SMB3W SMD High Power LEDs IR 700 - 1650 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>high power LED series, power chip technology multi chip LEDs, mounted on copper heat sink into a hermetic ceramic SMD package 395 nm - 1050 nm available, different lenses available</p> <p>base size: 5.0 x 5.0 mm², silicone / epoxy mold</p> | | | | |
| SMB3W-420/525/640R-I, 420/525/640 nm, 115/60/110 mW, 300 mA, 124°, triple LED, isolated | EOL | | 44,53 | 47,40 |


| High Power TOP SMD LEDs | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>high power multi-chip SMD LED series 3 chips inside If: 3x 20 mA, +/-60° angle</p> <p>► PHASE OUT</p> | | | | |
| WTFH01DS, white, 3 cd, 3x20 mA, Vf 3.2V, ±60°, 6.0 x 5.0 x 1.7 mm | EOL | | 2,29 | 2,44 |
| GNFH01TS, green, 523 nm, 1.3 cd, 3x20 mA, Vf 3.2V, ±60°, 6.0 x 5.0 x 1.7 mm | EOL | | 1,33 | 1,42 |
| OMFH01TS, red, 626 nm, 540 mcd, 3x20 mA, Vf 2.3V, ±60°, 6.0 x 5.0 x 1.7 mm | EOL | | 1,00 | 1,06 |


| ENHANCED POWER EP20 LEDs | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>high power LED series, 1 power chip inside, If: 150 mA</p> <p>size: 15.6 x 11,2 mm² base, 10.0 x 14.10 mm dome</p> <p>► PHASE OUT</p> | | | | |
| EP2012-150A1, yellow, 590 nm, 35 cd, 150 mA, ±10° | EOL | | 6,16 | 6,56 |
| EP204K-150B1, blue, 470 nm, 1.5 cd, 150 mA, ±50° | EOL | | 6,16 | 6,56 |


| FAT HIGH POWER NARROW BEAM THREADED LEDs | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | <p>ultra narrow beam angle power LED series 5° and 10° viewing angle, 1 power chip, clear epoxy package, square beam, no dark beam center from bonding wire, fast switching (30/40ns) M12 x 1 thread package</p> | | | | |
| JET-635-05, 635 nm, 110 mW, 500 mA, 5°, M12x1 thread | | | | 44,00 | 46,83 |
| JET-635-10, 635 nm, 205 mW, 500 mA, 10°, M12x1 thread | | | | 44,00 | 46,83 |
| JET-660-05, 655 nm, 135 mW, 500 mA, 5°, M12x1 thread | | | | 44,00 | 46,83 |
| JET-660-07, 655 nm, 350 mA, 7-9°, M12x1 thread | | | | 44,00 | 46,83 |
| JET-685-05, 680 nm, 70 mW, 700 mA, 5°, M12x1 thread | | | | 44,00 | 46,83 |
| JET-685-10, 680 nm, 88 mW, 700 mA, 10°, M12x1 thread | | | | 44,00 | 46,83 |
| JET-730-05, 730 nm, 70 mW, 500 mA, 5°, M12x1 thread | | | | 44,00 | 46,83 |
| JET-730-10, 730 nm, 130 mW, 500 mA, 10°, M12x1 thread | | | | 44,00 | 46,83 |
| JET-800-10, 800 nm, 90 mW, 500 mA, 10°, M12x1 thread | | | | 44,00 | 46,83 |
| JET-870-05, 870 nm, 90 mW, 500 mA, 5°, M12x1 thread | | | | 44,00 | 46,83 |
| JET-870-10, 870 nm, 90 mW, 500 mA, 10°, M12x1 thread | | | | 44,00 | 46,83 |


| ELJ HIGH POWER NARROW BEAM THREADED LEDs | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | <p>narrow beam power LED series, 1 power chip, clear aspheric plastic lens, round beam M10 x 1.5 thread package, metal case available viewing angle: 10, 20, 40 and 85° further wavelengths available on request</p> | | | | |
| ELJ-465-627, 465 nm, 45 mW / 35 cd / 2.75 lm, 350 mA, 3.3 V, 15° | | EOL | | 27,20 | 28,95 |
| ELJ-525-627, 525 nm, 70 mW, 500 mA, 20° | | EOL | | 32,55 | 34,64 |
| ELJ-810-629, 810 nm, 110 mW, / 980 mW/sr, 1 A, 2.0 V, tr/ff 75 ns, 15° | | EOL | | 27,20 | 28,95 |
| ELJ-830-649, 830 nm, 280 mW, / 850 mW/sr, 1 A, <2.4 V, 35° | | EOL | | 27,20 | 28,95 |
| ELJ-850-629, 850 nm, 280 mW, / 2.0 W/sr, 1 A, 2.0 V, tr/ff 15/20 ns, 20° | | EOL | | 27,20 | 28,95 |
| ELJ-870-619, 870 nm, 220 mW, / 2.5 W/sr, 1 A, <2.3 V, 13° | | EOL | | 27,20 | 28,95 |

| APG2Cx HIGH POWER EMITTER LEDs | | Status | MOQ | EUR / pc | USD / pc |
|--|---|--------|-----|----------|----------|
|  | <p>high power LED emitter typ. 1 Watt electrical power base diameter 7.4 mm, height 6.87 mm package color: black or white silicone lens</p> | | | | |
| HP803NW, white, typ. 6000 K, 130-160 lm, 700 mA, Vf 4.0 V, 120° | | EOL | | 6,75 | 7,18 |
| APG2C3-NW, white, typ. 6000 K, 150-170 lm, 700 mA, Vf 4.0 V, 120° | | EOL | | 6,75 | 7,18 |
| APG2C3-WW, warm white, typ. 3300 K, 140-160 lm, 700 mA, Vf 4.0 V, 120° | | EOL | | 6,75 | 7,18 |
| APG2C1-375, 375 nm, 55 mW, 350 mA, Vf 3.7 V, ±75°, silicone lens | | EOL | | 18,00 | 19,16 |
| APG2C1-375-E, 375 nm, 200 mW, 350 mA, Vf 3.7 V, ±75°, silicone lens | | EOL | | 21,00 | 22,35 |
| APG2C1-385, 385 nm, 60 mW, 350 mA, Vf 3.7 V, ±75°, silicone lens | | EOL | | 16,70 | 17,77 |
| APG2C1-385-R2, 385 nm, 320 mW, 350 mA, Vf 3.6 V, ±75°, silicone lens | | EOL | | 17,90 | 19,05 |
| APG2C1-395, 395 nm, 55 mW, 350 mA, Vf 3.7 V, ±75°, silicone lens | | EOL | | 16,00 | 17,03 |
| APG2C1-405, 405 nm, 105 mW, 350 mA, Vf 3.7 V, ±75°, silicone lens | | EOL | | 14,50 | 15,43 |
| APG2C1-410, 410 nm, 125 mW, 350 mA, Vf 3.7 V, ±75°, silicone lens | | EOL | | 7,93 | 8,44 |
| APG2C1-410-R2, 410 nm, 400 mW, 350 mA, Vf <3.9 V, ±75°, silicone lens | | EOL | | 13,00 | 13,84 |
| APG2C1-420, 420 nm, 130 mW, 350 mA, Vf 3.7 V, ±75°, silicone lens | | EOL | | 7,93 | 8,44 |
| APG2C1-435, 435 nm, 380 mW, 350 mA, Vf 3.5 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C1-450, 450 nm, 430 mW, 350 mA, Vf 3.1 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C3-460, 470 nm, 20-30 lm, 700 mA, Vf 4.0 V, 120° | | EOL | | 6,75 | 7,18 |
| APG2C3-470, 470 nm, 20-40 lm, 700 mA, Vf 3.6 V, 120° | | EOL | | 6,75 | 7,18 |
| APG2C1-470, 470 nm, 200 mW, 350 mA, Vf 3.3 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C3-470, 470 nm, 20-40 lm, 700 mA, Vf 3.6 V, 120° | | EOL | | 6,75 | 7,18 |
| APG2C1-480, 480 nm, 16-18cd, 350 mA, Vf 3.3 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C1-490, 490 nm, 130 mW, 350 mA, Vf 3.3 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C1-505, 505 nm, 130 mW, 350 mA, Vf 3.5 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C1-515, 515 nm, 150 mW, 350 mA, Vf 3.3 V, ±75° | | EOL | | 7,93 | 8,44 |
| HP803PG, pure green, 530 nm, 80-110 lm, 700 mA, Vf 3.8 V, 120° | | EOL | | 6,75 | 7,18 |
| APG2C3-530, 530 nm, 90-120 lm, 700 mA, Vf 4.0 V, 120° | | EOL | | 6,75 | 7,18 |
| APG2C1-650, 650 nm, 60 mW, 350 mA, Vf 2.1 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C1-660, 660 nm, 60 mW, 350 mA, Vf 2.1 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C1-670, 670 nm, 60 mW, 350 mA, Vf 2.0 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C5-670, 670 nm, typ. 250-300 mW, 2 A, ±75°, lambertian epoxy lens | | EOL | | 26,00 | 27,67 |
| APG2C1-680, 680 nm, 60 mW, 350 mA, Vf 2.0 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C5-670, 670 nm, typ. 250-300 mW, 2 A, ±75°, lambertian epoxy lens | | EOL | | 26,00 | 27,67 |
| APG2C5-680, 680 nm, typ. 550 mW, 2 A, ±75°, lambertian epoxy lens | | EOL | | 26,00 | 27,67 |
| APG2C1-760, 760 nm, 70 mW, 350 mA, Vf 1.9 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C1-780, 780 nm, 70 mW, 350 mA, Vf 1.7 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C1-830, 830 nm, 70 mW, 350 mA, Vf 1.5 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C1-850, 850 nm, 90 mW, 350 mA, Vf 1.5 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C1-880, 880 nm, 90 mW, 350 mA, Vf 1.5 V, ±75° | | EOL | | 7,93 | 8,44 |
| APG2C1-905, 905 nm, 70 mW, 350 mA, Vf 1.3 V, ±75° | | EOL | | 7,93 | 8,44 |

| | | | | | |
|---|--|---------------|------------|-----------------|-----------------|
| APG2C1-920, 920 nm, 80 mW, 350 mA, Vf 1.3 V, $\pm 75^\circ$ | EOL | | 7,93 | 8,44 | |
| APG2C1-940, 940 nm, 50 mW, 350 mA, Vf 1.3 V, $\pm 75^\circ$ | EOL | | 7,93 | 8,44 | |
| APG2C1-970, 970 nm, 40 mW, 350 mA, Vf 1.4 V, $\pm 75^\circ$ | EOL | | 7,93 | 8,44 | |
| APG2C1-1020, 1020 nm, 40 mW, 350 mA, Vf 1.4 V, $\pm 75^\circ$ | EOL | | 28,30 | 30,12 | |
| APG2C1-1030, 1030 nm, 60 mW, 350 mA, Vf 1.4 V, $\pm 75^\circ$ | EOL | | 28,30 | 30,12 | |
| APG2C1-1050, 1050 nm, 50 mW, 350 mA, Vf 1.4 V, $\pm 75^\circ$ | EOL | | 28,30 | 30,12 | |
| ACCESSORIES FOR APG2Cx EMITTER LEDs | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>PCB boards to get your EMITTER package LEDs mounted easily! Aluminium base, HTCD thermally conductive dielectric, copper circuit foil: 35 μm, white solder mask surface finish, Pb-free, RoHS compliant</p> <p>size: 19 x 19.9 x 1.5 mm</p> | | | | |
| PCB-STAR, PCB for High Power Emitter LEDs, white, hexagonal, 19.9x19.9x1.5 mm | | | 1,20 | 1,28 | |


| H2Ax HIGH POWER HEXAGONAL LEDs | | Status | MOQ | EUR / pc | USD / pc |
|--|---|---------------|------------|-----------------|-----------------|
|  | <p>1 W high power LED series, diverse wavelengths, power chip technology, chip size 1 x 1 mm², lambertian high dome lens diameter: 20 mm, mechanical compatible with many collimating lenses</p> <p>► PHASE OUT</p> | | | | |
| H2A3-WW, warm white, typ. 3300 K, 140-160 lm, 700 mA, Vf 4.0 V, 120° | EOL | | 7,20 | 7,66 | |
| H2A1-H395, 395 nm, 55 mW, 350 mA, Vf 3.7 V, $\pm 75^\circ$, silicone lens | EOL | | 16,50 | 17,56 | |
| H2A1-H410-R2, 410 nm, 400 mW, 350 mA, Vf <3.9 V, $\pm 75^\circ$, silicone lens | EOL | | 13,50 | 14,37 | |
| H2A1-H420, 420 nm, 130 mW, 350 mA, Vf 3.7 V, $\pm 75^\circ$, silicone lens | EOL | | 8,79 | 9,36 | |
| LXHL-MB1D, 470 nm, 10 lm, 350 mA, $\pm 60^\circ$ | EOL | | 12,00 | 12,77 | |
| H2A1-H480, 480 nm, 16-18 cd, 350 mA, Vf 3.3 V, $\pm 75^\circ$ | EOL | | 8,79 | 9,36 | |
| H2A1-H490, 490 nm, 130 mW, 350 mA, Vf 3.3 V, $\pm 75^\circ$ | EOL | | 8,79 | 9,36 | |
| H2A1-H505, 505 nm, 130 mW, 350 mA, Vf 3.5 V, $\pm 75^\circ$ | EOL | | 8,79 | 9,36 | |
| LXHL-ME1D, 505 nm, 30 lm, 350 mA, $\pm 60^\circ$ | EOL | | 12,00 | 12,77 | |
| H2A1-H650, 650 nm, 40 mW, 350 mA, Vf 2.0 V, $\pm 75^\circ$ | EOL | | 8,79 | 9,36 | |
| H2A1-H660, 660 nm, 60 mW, 350 mA, Vf 2.1 V, $\pm 75^\circ$ | EOL | | 8,79 | 9,36 | |
| H2A1-H680, 680 nm, 60 mW, 350 mA, Vf 2.0 V, $\pm 75^\circ$ | EOL | | 8,79 | 9,36 | |
| H2A1-H720, 720 nm, 70 mW, 350 mA, Vf 2.0 V, $\pm 75^\circ$ | EOL | | 8,79 | 9,36 | |
| H2A1-H780, 780 nm, 70 mW, 350 mA, Vf 1.7 V, $\pm 75^\circ$ | EOL | | 8,79 | 9,36 | |
| H2A1-H810, 810 nm, 90 mW, 350 mA, Vf 1.8 V, $\pm 75^\circ$ | EOL | | 8,79 | 9,36 | |
| H2A1-H830, 830 nm, 70 mW, 350 mA, Vf 1.5 V, $\pm 75^\circ$ | EOL | | 8,79 | 9,36 | |
| H2A1-H850, 850 nm, 90 mW, 350 mA, Vf 1.5 V, $\pm 75^\circ$ | EOL | | 8,79 | 9,36 | |
| H2W5-850, 850 nm, 550 mW, 2 A, Vf typ. 2.0 V, $\pm 75^\circ$, lambertian high dome lens | EOL | | 35,00 | 37,25 | |
| H2W5-870, 870 nm, 550 mW, 2 A, Vf typ. 2.0 V, $\pm 75^\circ$, lambertian high dome lens | EOL | | 30,00 | 31,93 | |
| H2A1-H880, 880 nm, 90 mW, 350 mA, Vf 1.5 V, $\pm 75^\circ$ | EOL | | 8,79 | 9,36 | |
| H2A1-H920, 920 nm, 80 mW, 350 mA, Vf 1.3 V, $\pm 75^\circ$ | EOL | | 8,79 | 9,36 | |
| H2A1-H970, 970 nm, 40 mW, 350 mA, Vf 1.4 V, $\pm 75^\circ$ | EOL | | 8,79 | 9,36 | |
| H2A1-H1020, 1020 nm, 40 mW, 350 mA, Vf 1.4 V, $\pm 75^\circ$ | EOL | | 28,80 | 30,65 | |


| HIGH POWER LUXEON FLASH LED | | Status | MOQ | EUR / pc | USD / pc |
|---|--|---------------|------------|-----------------|-----------------|
|  | | | | | |
| LXCL-PWF1, white, typ. 53 lm, 1 A pulse, $\pm 60^\circ$ | | EOL | | 5,96 | 6,34 |


| H11A1 HIGH POWER LEDs | | Status | MOQ | EUR / pc | USD / pc |
|---|---|---------------|------------|-----------------|-----------------|
|  | <p>high power LED, 20 mm diameter aluminium disk package, 1x1 mm² LED chip size 1 Watt electrical power available viewing angles: 30°, 60° or 120°</p> <p>► PHASE OUT</p> | | | | |
| H11A1-HR-30, 625 nm, 10 cd, 20-25 mW, 350 mA, viewing angle 30° | EOL | | 3,23 | 3,44 | |
| H11A1-660-30, 660 nm, 20-25 mW, 350 mA, viewing angle 30° | EOL | | 5,70 | 6,07 | |
| H11A1-670-30, 670 nm, 20-25 mW, 350 mA, viewing angle 30° | EOL | | 5,70 | 6,07 | |
| H11A1-680-30, 680 nm, 20-25 mW, 350 mA, viewing angle 30° | EOL | | 5,70 | 6,07 | |
| H11A1-690-60, 690 nm, 25-30 mW, 350 mA, viewing angle 60° | EOL | | 5,70 | 6,07 | |
| H11A1-770-30, 770 nm, 28-35 mW, 350 mA, viewing angle 30° | EOL | | 5,70 | 6,07 | |
| H11A1-780-30, 780 nm, 110 mW, 500 mA, viewing angle 30° | EOL | | 5,70 | 6,07 | |
| H11A1-850-30, 850 nm, 350 mA, viewing angle 30° | EOL | | 5,70 | 6,07 | |
| H11A1-880-30, 880 nm, 30-40 mW, 350 mA, viewing angle 30° | EOL | | 5,70 | 6,07 | |
| H11A1-905-30, 905 nm, 25-30 mW, 350 mA, viewing angle 30° | EOL | | 5,70 | 6,07 | |
| H11A1-920-30, 920 nm, 350 mA, viewing angle 30° | EOL | | 5,70 | 6,07 | |
| H11A1-940-30, 940 nm, 25-30 mW, 350 mA, viewing angle 30° | EOL | | 5,70 | 6,07 | |
| H11A1-940-120, 940 nm, 25-30 mW, 350 mA, viewing angle 120° | EOL | | 5,70 | 6,07 | |
| H11A1-970-30, 970 nm, 350 mA, viewing angle 30° | EOL | | 5,70 | 6,07 | |


| C11A1 HIGH POWER LEDs | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | high power LED, 11 mm diameter aluminium disk package, 1x1 mm ² LED chip size 1 Watt electrical power available viewing angles: 30°, 60° or 120° | | | | |
| | ► PHASE OUT | | | | |
| C11A1-HU-30, 395-405 nm, 15-20 mW, 350 mA, viewing angle 30° | | EOL | | 5,55 | 5,91 |
| C11A1-HU-60, 395-405 nm, 15-20 mW, 350 mA, viewing angle 60° | | EOL | | 5,55 | 5,91 |
| C11A1-HU-120, 395-405 nm, 15-20 mW, 350 mA, viewing angle 120° | | EOL | | 5,55 | 5,91 |
| C11A1-HW-30, white, 20 cd, 350 mA, viewing angle 30° | | EOL | | 4,98 | 5,30 |
| C11A1-HW-60, white, 20 cd, 350 mA, viewing angle 60° | | EOL | | 4,98 | 5,30 |
| C11A1-HW-120, white, 20 cd, 350 mA, viewing angle 120° | | EOL | | 4,98 | 5,30 |
| C11A1-HW-120-S, soft white, 20 cd, 350 mA, viewing angle 120° | | EOL | | 4,98 | 5,30 |
| C11A1-HB-30, 470 nm, 14 cd, 17-20 mW, 350 mA, viewing angle 30° | | EOL | | 4,79 | 5,10 |
| C11A1-HB-120, 470 nm, 14 cd, 17-20 mW, 350 mA, viewing angle 120° | | EOL | | 4,79 | 5,10 |
| C11A1-HC-30, 505 nm, 20 cd, 15-18 mW, 350 mA, viewing angle 30° | | EOL | | 5,55 | 5,91 |
| C11A1-HC-120, 505 nm, 20 cd, 15-18 mW, 350 mA, viewing angle 120° | | EOL | | 5,55 | 5,91 |
| C11A1-HG-30, 525 nm, 25 cd, 13-17 mW, 350 mA, viewing angle 30° | | EOL | | 5,26 | 5,60 |
| C11A1-HY-120, 590 nm, 10 cd, 8-10 mW, 350 mA, viewing angle 120° | | EOL | | 2,73 | 2,91 |
| C11A1-HR-120, 625 nm, 10 cd, 20-25 mW, 350 mA, viewing angle 120° | | EOL | | 2,73 | 2,91 |
| C11A1-660-30, 660 nm, 20-25 mW, 350 mA, viewing angle 30° | | EOL | | 5,17 | 5,50 |
| C11A1-670-30, 670 nm, 20-25 mW, 350 mA, viewing angle 30° | | EOL | | 5,17 | 5,50 |
| C11A1-670-120, 670 nm, 20-25 mW, 350 mA, viewing angle 120° | | EOL | | 5,17 | 5,50 |
| C11A1-680-30, 680 nm, 20-25 mW, 350 mA, viewing angle 30° | | EOL | | 5,17 | 5,50 |
| C11A1-680-120, 680 nm, 20-25 mW, 350 mA, viewing angle 120° | | EOL | | 5,17 | 5,50 |
| C11A1-690-30, 690 nm, 25-30 mW, 350 mA, viewing angle 30° | | EOL | | 5,17 | 5,50 |
| C11A1-690-120, 690 nm, 25-30 mW, 350 mA, viewing angle 120° | | EOL | | 5,17 | 5,50 |
| C11A1-720-60, 720 nm, 28-35 mW, 350 mA, viewing angle 60° | | EOL | | 5,17 | 5,50 |
| C11A1-720-120, 720 nm, 28-35 mW, 350 mA, viewing angle 120° | | EOL | | 5,17 | 5,50 |
| C11A1-760-30, 760 nm, 28-35 mW, 350 mA, viewing angle 30° | | EOL | | 5,17 | 5,50 |
| C11A1-770-30, 770 nm, 28-35 mW, 350 mA, viewing angle 30° | | EOL | | 5,17 | 5,50 |
| C11A1-780-30, 780 nm, 110 mW, 500 mA, viewing angle 30° | | EOL | | 5,17 | 5,50 |
| C11A1-820-30, 820 nm, 38-46 mW, 350 mA, viewing angle 30° | | EOL | | 5,17 | 5,50 |
| C11A1-850-30, 850 nm, 350 mA, viewing angle 30° | | EOL | | 5,17 | 5,50 |
| C11A1-880-30, 880 nm, 30-40 mW, 350 mA, viewing angle 30° | | EOL | | 5,17 | 5,50 |
| C11A1-905-30, 905 nm, 25-30 mW, 350 mA, viewing angle 30° | | EOL | | 5,17 | 5,50 |
| C11A1-920-30, 920 nm, 25-30 mW, 350 mA, viewing angle 30° | | EOL | | 5,17 | 5,50 |
| C11A1-940-30, 940 nm, 25-30 mW, 350 mA, viewing angle 30° | | EOL | | 5,17 | 5,50 |


| M3L1 HIGH POWER LEDs | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | high power LED with M3 thread aluminium disk package, diameter 11 mm, thread length 6 mm 1x1 mm ² chip 1 Watt electrical power | | | | |
| | ► PHASE OUT | | | | |
| M3L1-HW-60, white, 16 cd, 350 mA, viewing angle 60° | | EOL | | 6,20 | 6,60 |
| M3L1-HW-120, white, 15 cd, 350 mA, viewing angle 120° | | EOL | | 6,20 | 6,60 |
| M3L1-HU-30, 395-405 nm, 15-20 mW, 350 mA, viewing angle 30° | | EOL | | 6,73 | 7,16 |
| M3L1-HU-60, 395-405 nm, 15-20 mW, 350 mA, viewing angle 60° | | EOL | | 6,73 | 7,16 |
| M3L1-HU-120, 395-405 nm, 15-20 mW, 350 mA, viewing angle 120° | | EOL | | 6,73 | 7,16 |
| M3L1-HB-30, 470 nm, 14 cd, 17-20 mW, 350 mA, viewing angle 30° | | EOL | | 6,02 | 6,41 |
| M3L1-HB-120, 470 nm, 10 cd, 17-20 mW, 350 mA, viewing angle 120° | | EOL | | 6,02 | 6,41 |
| M3L1-HC-120, 505 nm, 17 cd, 15-18 mW, 350 mA, viewing angle 120° | | EOL | | 6,73 | 7,16 |
| M3L1-HG-30, 525 nm, 25 cd, 13-17 mW, 350 mA, viewing angle 30° | | EOL | | 6,46 | 6,88 |
| M3L1-HG-60, 525 nm, 22 cd, 13-17 mW, 350 mA, viewing angle 60° | | EOL | | 6,46 | 6,88 |
| M3L1-HG-120, 525 nm, 20 cd, 13-17 mW, 350 mA, viewing angle 120° | | EOL | | 6,46 | 6,88 |
| M3L1-HY-30, 590 nm, 10 cd, 8-10 mW, 350 mA, viewing angle 30° | | EOL | | 3,90 | 4,15 |
| M3L1-HY-60, 590 nm, 8 cd, 8-10 mW, 350 mA, viewing angle 60° | | EOL | | 3,90 | 4,15 |
| M3L1-HY-120, 590 nm, 7 cd, 8-10 mW, 350 mA, viewing angle 120° | | EOL | | 3,90 | 4,15 |
| M3L1-HR-30, 625 nm, 10 cd, 20-25 mW, 350 mA, viewing angle 30° | | EOL | | 3,90 | 4,15 |
| M3L1-HR-120, 625 nm, 7 cd, 20-25 mW, 350 mA, viewing angle 120° | | EOL | | 3,90 | 4,15 |
| M3L1-670-30, 670 nm, 20-25 mW, 350 mA, viewing angle 30° | | EOL | | 6,37 | 6,78 |
| M3L1-680-30, 680 nm, 20-25 mW, 350 mA, viewing angle 30° | | EOL | | 6,37 | 6,78 |
| M3L1-740-120, 740 nm, 28-35 mW, 350 mA, viewing angle 120° | | EOL | | 6,37 | 6,78 |
| M3L1-760-30, 760 nm, 28-35 mW, 350 mA, viewing angle 30° | | EOL | | 6,37 | 6,78 |
| M3L1-770-30, 770 nm, 28-35 mW, 350 mA, viewing angle 30° | | EOL | | 6,37 | 6,78 |
| M3L1-880-30, 880 nm, 30-40 mW, 350 mA, viewing angle 30° | | EOL | | 6,37 | 6,78 |
| M3L1-905-30, 905 nm, 25-30 mW, 350 mA, viewing angle 30° | | EOL | | 6,37 | 6,78 |
| M3L1-920-30, 920 nm, 25-30 mW, 350 mA, viewing angle 30° | | EOL | | 6,37 | 6,78 |
| M3L1-940-30, 940 nm, 25-30 mW, 350 mA, viewing angle 30° | | EOL | | 6,37 | 6,78 |
| M3L1-940-120, 940 nm, 25-30 mW, 350 mA, viewing angle 120° | | EOL | | 6,37 | 6,78 |
| M3L1-970-30, 970 nm, 350 mA, viewing angle 30° | | EOL | | 6,37 | 6,78 |

| C20A1 HIGH POWER LEDs | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | high power LED, aluminium disk package, diameter 20 mm, 1x1 mm ² chip size 1 Watt electrical power | | | | |
| RLT-WNP1000-02, white, x .28,y .28, 20 lm, 350 mA, 60° full angle | | EOL | | 6,62 | 7,05 |
| RLT-WNP600-02, white, x .28,y .28, 5 lm, 100 mA, 60° full angle | | EOL | | 2,84 | 3,02 |
| C20A1-HU-30, 395-405 nm, 15-20 mW, 350 mA, Vf <4.0 V, 30° | | EOL | | 5,86 | 6,24 |
| RLT-BNP1000-02, 470 nm, 11 lm, 350 mA, 60° full angle | | EOL | | 5,67 | 6,03 |
| RLT-BNP600-02, 470 nm, 3 lm, 100 mA, 60° full angle | | EOL | | 2,27 | 2,42 |
| C20A1-HC-30, 505 nm, 20 cd, 15-18 mW, 350 mA, Vf <4.0 V, 30° | | EOL | | 5,86 | 6,24 |
| RLT-GNP1000-02, 525 nm, 20 lm, 350 mA, 60° full angle | | EOL | | 6,14 | 6,54 |
| RLT-YUP600-02, 587 nm, 4 lm, 100 mA, 60° full angle | | EOL | | 1,51 | 1,61 |
| C20A1-HR-60, 625 nm, 7.0-8.5 cd, 20-25 mW, 350 mA, Vf <2.8 V, 60° | | EOL | | 3,12 | 3,32 |
| C20A1-HR-120, 625 nm, 7.0-8.5 cd, 20-25 mW, 350 mA, Vf <2.8 V, 120° | | EOL | | 3,12 | 3,32 |
| C20A1-H650-30, 650 nm, 70 mW, 350 mA, Vf <2.2 V, 30° | | EOL | | 5,48 | 5,83 |
| C20A1-H660-30, 660 nm, 20-25 mW, 350 mA, Vf <2.5 V, 30° | | EOL | | 5,48 | 5,83 |
| C20A1-H670-30, 670 nm, 90 mW, 350 mA, Vf <2.0 V, 30° | | EOL | | 5,48 | 5,83 |
| C20A1-H680-30, 680 nm, 25-30 mW, 350 mA, Vf <2.5 V, 30° | | EOL | | 5,48 | 5,83 |
| C20A1-H690-30, 690 nm, 25-30 mW, 350 mA, Vf <2.5 V, 30° | | EOL | | 5,48 | 5,83 |
| C20A1-H720-30, 720 nm, 28-35 mW, 350 mA, Vf <2.5 V, 30° | | EOL | | 5,48 | 5,83 |
| C20A1-H740-30, 740 nm, 28-35 mW, 350 mA, Vf <2.5 V, 30° | | EOL | | 5,48 | 5,83 |
| C20A1-H740-60, 740 nm, 28-35 mW, 350 mA, Vf <2.5 V, 60° | | EOL | | 5,48 | 5,83 |
| C20A1-H770-30, 770 nm, 28-35 mW, 350 mA, Vf <2.5 V, 30° | | EOL | | 5,48 | 5,83 |
| C20A1-H810-30, 810 nm, 38-46 mW, 350 mA, Vf <2.5 V, 30° | | EOL | | 5,48 | 5,83 |
| C20A1-H820-30, 820 nm, 38-46 mW, 350 mA, Vf <2.5 V, 30° | | EOL | | 5,48 | 5,83 |
| C20A1-H850-30, 850 nm, 350 mA, Vf <3.0 V, 30° | | EOL | | 5,48 | 5,83 |
| C20A1-H870-30, 870 nm, 350 mA, Vf <3.0 V, 30° | | EOL | | 11,15 | 11,87 |
| C20A1-H880-30, 880 nm, 30-40 mW, 350 mA, Vf <2.5 V, 30° | | EOL | | 5,48 | 5,83 |
| C20A1-H905-30, 905 nm, 25-30 mW, 350 mA, Vf <2.5 V, 30° | | EOL | | 5,48 | 5,83 |
| C20A1-H940-30, 940 nm, 25-30 mW, 350 mA, Vf <2.5 V, 30° | | EOL | | 5,48 | 5,83 |

| R-HP803 HIGH POWER LEDs | | Status | MOQ | EUR / pc | USD / pc |
|--|---|--------|-----|----------|----------|
|  | high power LED emitter, 3 Watt electrical power, highest flux, very long operating life (>50000 hr) higher energy efficiency than incandescent and most halogen lamps low voltage DC operation instant light on/off (less than 100 ns) superior ESD protection, size: 25 x 25 mm ² , height 8.32 mm, optional with 15 degree collimator lens | | | | |
| R-HP803NW, white, typ. 6000 K, 55 lm, 700 mA, Vf 4.0 V, 120° | | EOL | | 7,20 | 7,66 |
| R-HP803WW, warm white, typ. 3300 K, 45 lm, 700 mA, Vf 4.0 V, 120° | | EOL | | 7,20 | 7,66 |
| R-HP803NO, 590 nm, 36 lm, 700 mA, Vf 3.0 V, 120° | | EOL | | 6,35 | 6,76 |

| C20C3 HIGH POWER RGB LEDs | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | high power RGB LED, aluminium disk package, diameter 20 mm, diverse wavelengths, power chip technology 1x1 mm ² chip size. 3 x 1 Watt electrical power, other wavelengths on request | | | | |
| C20C3-HYGB-60, 585/515/460 nm, 8/9/3 lm, 3x 350 mA, viewing angle 60° | | EOL | | 5,64 | 6,00 |
| C20C3-HYRB-60, 585/620/460 nm, 8/6/3 lm, 3x 350 mA, viewing angle 60° | | EOL | | 5,08 | 5,41 |

| HIGH POWER RGB EMITTER LEDs | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | high power RGB LED series, emitter type package 6 pins, 3 x anode, 3 x cathode viewing angle typ. 80°, 3 power ranks: 1.5 W -> 3 LED chips each 500 mW 3.0 W -> 3 LED chips each 1 W 9.0 W -> 3 LED chips each 3 W | | | | |
| A6-RGB-1.5, 620/515/460 nm, 5/12/4 lm, 3x150 mA, 1.5 W, ±40°, 3x anode 3x cathode | | EOL | | 4,20 | 4,47 |
| A6-RGB-3, 620/515/460 nm, 23/45/12 lm, 3x350 mA, 3.0 W, ±40°, 3x anode 3x cathode | | EOL | | 6,50 | 6,92 |
| AR58G05B24BC-A, 620/515/460 nm, 15/15.4/6 lm, 3x350 mA, 3 W, ±40°, common anode | | EOL | | 11,70 | 12,45 |
| AR58G05B24BC-C, 620/515/460 nm, 15/15.4/6 lm, 3x350 mA, 3 W, ±40°, common cathode | | EOL | | 11,70 | 12,45 |
| AR57G62B66BC-C, 620/515/460 nm, 4.5/10/3 lm, 3 x 150 mA, 1.5 W, ±40° | | EOL | | 7,18 | 7,64 |


| HIGH POWER RGB HEXAGONAL LEDs | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | high power RGB LED series, hex type package 6 pins, 3 x anode, 3 x cathode viewing angle typ. 80°, 3 power ranks: 1.5 W -> 3 LED chips each 500 mW 3.0 W -> 3 LED chips each 1 W 9.0 W -> 3 LED chips each 3 W | | | | |
| H6-RGB-1.5, 620/515/460 nm, 5/12/4 lm, 3x150 mA, 1.5 W, ±40°, 3x anode 3x cathode | | EOL | | 4,70 | 5,00 |
| H4-AR58G05B24BC-C, 620/515/460 nm, 15/15.4/6 lm, 3x350 mA, 3 W, ±40°, common - | | EOL | | 12,20 | 12,99 |
| H4-AR58G05B24BC-A, 620/515/460 nm, 15/15.4/6 lm, 3x350 mA, 3 W, ±40°, common + | | EOL | | 12,20 | 12,99 |
| H4-AR57G62B66BC-C, 620/515/460 nm, 4.5/10/3 lm, 3x150 mA, 1.5 W, ±40°, common - | | EOL | | 7,72 | 8,22 |


OPTICS FOR HIGH POWER LEDs



| NARROW BEAM LENS SERIES | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | diverse optics for high power LEDs | | | | |
| | material: polycarbonate designed for Luxeon | | | | |
| 10048, 4 degree half angle optic | | | | 4,12 | 4,39 |
| 10049, 4 x 25 degree half angles optic | | | | 4,12 | 4,39 |
| 10003, 6 degree half angle optic | | | | 3,14 | 3,34 |
| 10003/15, 15 degree half angle optic | | | | 3,14 | 3,34 |
| 10003/25, 25 degree half angle optic | | | | 3,14 | 3,34 |
| 10003/L25, 6 x 25 degree half angles line optic | | | | 3,14 | 3,34 |
| 10034, fiber coupling optic, designed for 8-12 mm, NA 0.50 fiber bundles | | | | 3,86 | 4,11 |


| HOLDERS FOR NARROW BEAM LENS SERIES | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | diverse lens holders for 1, 3 and 5 watt power LEDs | | | | |
| | | | | | |
| 10012, LED optic holder, round, black, for 1 W, LED | | | | 0,68 | 0,72 |
| 10043, LED optic holder, hexagonal, black, for 3 W, / 5 W, LED | | | | 0,68 | 0,72 |
| 10065, 4° optic holder for 1 W, Luxeon, white, 17.15 x 22.7 mm | | | | 0,87 | 0,93 |
| 10076, 4° optic holder for 3 W, / 5 W, Luxeon, black, 16.15 x 21.7 mm | | | | 0,87 | 0,93 |
| 10077, 4° optic holder for 3 W, / 5 W, Luxeon, white, 16.15 x 21.7 mm | | | | 0,87 | 0,93 |
| 12061, 4° optic holder for 3 W, / 5 W, Luxeon, white, 16.15 x 29.0 mm | | | | 0,87 | 0,93 |

| ULTRA NARROW BEAM CATADIOPIC LENS SERIES | | Status | MOQ | EUR / pc | USD / pc |
|--|--|--------|-----|----------|----------|
|  | CATADIOPIC collimating lens for LEDs | | | | |
| | <ul style="list-style-type: none"> - +/- 2° ultra narrow beam - ideal for far distance and spot illumination - suitable for: Cree, Seoul, Avago, Luxeon - material: polycarbonate - efficiency ~70% | | | | |
| 10158, 2 degree half angle spot optic, diameter 60 mm, height 11 mm, polycarbonate | | | | 17,93 | 19,08 |
| 10145, spreader lens for 10158 optic | | | | 1,22 | 1,30 |
| 10146, holder for 10158 optic | | | | 1,62 | 1,72 |


| REFLECTORS FOR HIGH POWER LEDs | | Status | MOQ | EUR / pc | USD / pc |
|--|---|--------|-----|----------|----------|
|  | metalized reflectors, material polycarbonate | | | | |
| | available for power LEDs with lambertian lens design and for Acriche LEDs | | | | |
| | recommended optic for narrow beam generation | | | | |
| 12527, Reflector, 17.0 mm, wide spot, UV stabilised PC | | | | 1,25 | 1,33 |
| 12530, Reflector, 17.0 mm, medium spot, UV stabilised PC | | | | 1,25 | 1,33 |
| CLP17CR, 6° reflector for lambertian LED, metalized polycarbonate 17.5 x 10.7 mm [DxH] | | | | 2,33 | 2,48 |
| CLP20CR, 6° reflector for lambertian LED, metalized polycarbonate 20.5 x 15.7 mm [DxH] | | | | 2,33 | 2,48 |
| CLP23CR, 20° reflector for Acriche LED, metalized polycarbonate 23.0 x 13.3 mm [DxH] | | | | 3,54 | 3,77 |
| CLP28ACR, 12° reflector for Acriche LED, metalized polycarbonate 27.5 x 18.3 mm [DxH] | | | | 3,54 | 3,77 |


HIGH POWER LED ARRAYS




| TO-66 HIGH POWER LED ARRAYS - 60 Chips Resin 365 - 1650 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | TO-66 High Power LED Array | | | | |
| | Silicone / Epoxy Resin 60 chips array inside (6x10 chips on a 50 mm ² footprint) 365 nm - 1550 nm available Lens and Heat Sink available | | | | |
| UV | | | | | |
| LED375-66-60, 375 nm, 150 mW, 200 mA, 60 chips, TO-66 | | | | 204,52 | 217,68 |
| LED385-66-60, 385 nm, 150 mW, 240 mA, 60 chips, TO-66 | | | | 204,52 | 217,68 |
| LED395-66-60, 395 nm, 670 mW, 240 mA, 60 chips, TO-66 | | | | 213,82 | 227,58 |
| VIS | | | | | |
| LED405-66-60, 405 nm, 310 mW, 240 mA, 60 chips, TO-66 | | | | 197,91 | 210,65 |
| LED420-66-60, 420 nm, 550 mW, 400 mA, 60 chips, TO-66 | | | | 204,52 | 217,68 |
| LED430-66-60, 430 nm, 690 mW, 240 mA, 60 chips, TO-66 | | | | 204,52 | 217,68 |
| LED435-66-60, 435 nm, 550 mW, 400 mA, 60 chips, TO-66 | | | | 208,07 | 221,46 |
| LED450-66-60, 450 nm, 700 mW, 240 mA, 60 chips, TO-66 | | | | 180,10 | 191,69 |
| LED470-66-60, 470 nm, 4.5 cd 120 mW, 240 mA, 60 chips, TO-66 | | | | 186,26 | 198,25 |


| | | |
|---|--------|-------------|
| LED505-66-60, 505 nm, 60 mW, 240 mA, 60 chips, TO-66 | 186,26 | 198,25 |
| LED525-66-60, 525 nm, 400 mW, 240 mA, 122°, 60 chips, TO-66 | 186,26 | 198,25 |
| LED545-66-60, 545 nm, 140 mW, 240 mA, 17 V, 118°, 60 chips, TO-66 | 551,84 | 587,36 |
| LED565-66-60, 565 nm, 1.25 cd 8 mW, 240 mA, 60 chips, TO-66 | 60,26 | 64,14 |
| LED570-66-60, 570 nm, 7 cd 36 mW, 240 mA, 60 chips, TO-66 | 64,50 | 68,65 |
| LED590-66-60, 590 nm, 170 mW, 240 mA, 60 chips, TO-66 | 106,28 | 113,12 |
| LED620-66-60, 620 nm, 7 cd 120 mW, 240 mA, 60 chips, TO-66 | 106,28 | 113,12 |
| LED630-66-60, 630 nm, 7 cd 140 mW, 240 mA, 60 chips, TO-66 | 106,28 | 113,12 |
| LED645-66-60, 645 nm, 7 cd 120 mW, 240 mA, 60 chips, TO-66 | 108,15 | 115,11 |
| LED660-66-60, 660 nm, 3.5 cd 180 mW, 240 mA, 60 chips, TO-66 | EOL | 38,10 40,55 |
| LED660N-66-60, 660 nm, 62.8 cd, 2.4 W, 1.2 A, 60 chips, TO-66 | 106,28 | 113,12 |
| LED670-66-60, 670 nm, 450 mW, 240 mA, 60 chips, TO-66 | 178,04 | 189,50 |
| LED680-66-60, 680 nm, 300 mW, 240 mA, 9.8 V, 120°, 60 chips, TO-66 | 178,04 | 189,50 |
| LED690-66-60, 690 nm, 300 mW, 240 mA, 60 chips, 128°, TO-66 | 178,04 | 189,50 |
| IR | | |
| LED700-66-60, 700 nm, 300 mW, 240 mA, 60 chips, TO-66 | 185,85 | 197,81 |
| LED720-66-60, 720 nm, 550 mW, 600 mA, 60 chips, TO-66 | 155,22 | 165,21 |
| LED735-66-60, 735 nm, 1 W, 600 mA, 60 chips, TO-66 | 155,22 | 165,21 |
| LED740-66-60, 740 nm, 1 W, 600 mA, 60 chips, TO-66 | 155,22 | 165,21 |
| LED750-66-60, 750 nm, 1 W, 600 mA, 60 chips, TO-66 | 155,22 | 165,21 |
| LED760-66-60, 760 nm, 1 W, 600 mA, 60 chips, TO-66 | 155,22 | 165,21 |
| LED780-66-60, 780 nm, 840 mW, 600 mA, 130°, 60 chips, TO-66 | 168,00 | 178,81 |
| LED790-66-60, 790 nm, 1 W, 600 mA, 60 chips, TO-66 | 149,74 | 159,38 |
| LED810-66-60, 810 nm, 1 W, 600 mA, 60 chips, TO-66 | 149,74 | 159,38 |
| LED830-66-60, 830 nm, 1 W, 600 mA, 60 chips, TO-66 | 149,74 | 159,38 |
| LED830N-66-60, 830 nm, 850 mW, 600 mA, 60 chips, TO-66 | 146,77 | 156,22 |
| LED840-66-60, 840 nm, 60 chips, TO-66 | 151,44 | 161,19 |
| LED850-66-60, 850 nm, 1.5 W, 800 mA, 60 chips, TO-66 | 120,16 | 127,89 |
| LED870-66-60, 870 nm, 1.5 W, 800 mA, 60 chips, TO-66 | 124,17 | 132,16 |
| LED880-66-60, 880 nm, 1.5 W, 800 mA, 60 chips, TO-66 | 124,17 | 132,16 |
| LED890-66-60, 890 nm, 0.85 W, 800 mA, 60 chips, TO-66 | 113,58 | 120,89 |
| LED910-66-60, 910 nm, 600 mW, 800 mA, 60 chips, TO-66 | 159,00 | 169,23 |
| LED940-66-60, 940 nm, 550 mW, 600 mA, 60 chips, TO-66 | 84,37 | 89,80 |
| LED950-66-60, 950 nm, 60 chips, TO-66 | 84,37 | 89,80 |
| LED970-66-60, 970 nm, 500 mW, 800 mA, 60 chips, TO-66 | 100,43 | 106,89 |
| LED980-66-60, 980 nm, 150 mW, 600 mA, 60 chips, TO-66 | 120,52 | 128,28 |
| LED990-66-60, 990 nm, 100 mW, 600 mA, 6.5V, 60 chips, TO-66 | 208,00 | 221,39 |
| LED1050S-66-60, 1050 nm, 110 mW, 600 mA, 5.7 V, 130°, 60 chips, TO-66 | 345,00 | 367,20 |
| LED1050D-66-60, 1050 nm, 390 mW, 600 mA, 5.3 V, 128°, 60 chips, TO-66 | 345,00 | 367,20 |
| LED1070-66-60, 1070 nm, 60 mW, 600 mA, 60 chips, TO-66 | 337,83 | 359,57 |
| LED1070D-66-60, 1070 nm, 600 mA, 60 chips, TO-66 | o.r. | o.r. |
| LED1200D-66-60, 1200 nm, 390 mW, 600 mA, 5.3 V, 128°, 60 chips, TO-66 | 345,00 | 367,20 |
| LED1300S-66-60, 1300 nm, 120 mW, 600 mA, 4.9 V, 128°, 60 chips, TO-66 | 345,00 | 367,20 |
| LED1300D-66-60, 1300 nm, 410 mW, 600 mA, 5.3 V, 128°, 60 chips, TO-66 | 345,00 | 367,20 |
| LED1450S-66-60, 1450 nm, 70 mW, 600 mA, 4.6 V, 128°, 60 chips, TO-66 | 345,00 | 367,20 |
| LED1450D-66-60, 1450 nm, 240 mW, 600 mA, 5.3 V, 128°, 60 chips, TO-66 | 345,00 | 367,20 |
| LED1550-66-60, 1550 nm, 40 mW, 600 mA, 60 chips, TO-66 | 337,83 | 359,57 |
| LED1550D-66-60, 1550 nm, 180 mW, 600 mA, 4.8 V, 120°, 60 chips, TO-66 | 345,00 | 367,20 |
| LED1050GD-66-60, 1050 nm, 1.6 W, 600 mA, 6.5 V, 128°, 60 chips, TO-66 | 581,30 | 618,71 |
| LED1650D-66-60, 1650 nm, 90 mW, 600 mA, 5.3 V, 128°, 60 chips, TO-66 | 345,00 | 367,20 |
| further wavelengths available on request | | |


| TO-66 HIGH POWER LED ARRAYS - 60 Chips Glass Window 365 - 435 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>TO-66 High Power LED Array Flat Glass Window 60 chips array inside (6x10 chips on a 50 mm² footprint) 365 nm - 435 nm available Lens and Heat Sink available</p> | | | | |
| LED365-66-60-110, 365 nm, 130 mW, 240 mA, 17 V, 102°, 60 chips, TO-66 | | | 272,09 | 289,60 |
| LED375-66-60-110, 375 nm, 150 mW, 200 mA, 60 chips, TO-66 | | | 272,09 | 289,60 |
| LED385-66-60-110, 385 nm, 150 mW, 240 mA, 60 chips, TO-66 | | | 272,09 | 289,60 |
| LED395-66-60-110, 395 nm, 240 mW, 240 mA, 60 chips, TO-66 | | | 272,09 | 289,60 |
| LED405-66-60-110, 405 nm, 300 mW, 400 mA, 60 chips, TO-66 | | | 261,13 | 277,94 |
| LED415-66-60-110, 415 nm, 300 mW, 240 mA, 60 chips, TO-66 | | | 261,13 | 277,94 |
| LED420-66-60-110, 420 nm, 550 mW, 400 mA, 60 chips, TO-66 | | | 261,13 | 277,94 |
| LED430-66-60-110, 430 nm, 550 mW, 400 mA, 60 chips, TO-66 | | | 261,13 | 277,94 |
| LED435-66-60-110, 435 nm, 60 chips, TO-66 | | | 261,13 | 277,94 |


| TO-66 HIGH POWER LED ARRAYS - 16 Power Chips Resin 385 - 1550 nm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>TO-66 High Power LED Array Flat Glass Window or Silicone / Epoxy Resin 16 power LED chips inside, 4 x 4 matrix, 365 nm - 980 nm available Lens and Heat Sink available</p> | | | | |
| LED385-66-16100, 385 nm, 170 mW, 200 mA, 13 V, 120°, 16 chips, TO-66 | | | 256,30 | 272,80 |
| LED415-66-16100, 415 nm, 120°, 16 chips, TO-66 | | | 208,07 | 221,46 |
| LED415-66-16100-110, 415 nm, 120°, 16 chips, TO-66 | | | o.r. | o.r. |
| LED435V-66-16100, 435 nm, 7.5 W, 2 A, 130°, 16 chips, TO-66 | | | 292,59 | 311,42 |
| LED470V-66-16100, 470 nm, 8.0 W, 2.0 A, 12.8 V, 124°, 16 chips, TO-66 | | | 188,64 | 200,78 |


| | | |
|---|--------|--------|
| LED525-66-16100, 525 nm, x W, x A, x°, 16 chips, TO-66 | 189,50 | 201,70 |
| LED660N-66-16100, 660 nm, 4.8 W, 1.4 A, 8.8 V, 124°, 16 chips, TO-66 | 113,22 | 120,51 |
| LED680-66-16100, 680 nm, 450 mW, 1.4 A, 7.7 V, 120°, 16 chips, TO-66 | 178,04 | 189,50 |
| LED690D-66-16100, 690 nm, 5.9 W, 2.4 A, 10 V, 124°, 16 chips, TO-66 | 195,39 | 207,97 |
| LED720-66-16100, 720 nm, 550 mW, 1.4 A, 7.4 V, 120°, 16 chips, TO-66 | 178,04 | 189,50 |
| LED735-66-16100, 735 nm, >500 mW, 1.4 A, 120°, 16 chips, TO-66 | 178,04 | 189,50 |
| LED740-66-16100, 740 nm, 450 mW, 1.4 A, 5.5 V, 120°, 16 chips, TO-66 | 178,04 | 189,50 |
| LED740D-66-16100, 740 nm, 4.3 W, 2.4 A, 128°, 16 chips, TO-66 | 180,45 | 192,06 |
| LED750D-66-16100, 750 nm, 6.5 W, 3.2 A, 8.1 V 130°, 16 chips, TO-66 | 180,45 | 192,06 |
| LED760D-66-16100, 760 nm, 5.7 W, 3.2 A, 8.6 V, 128°, 16 chips, TO-66 | 180,45 | 192,06 |
| LED780-66-16100, 780 nm, 2.8 W, 3.2 A, 8.0 V, 120°, 16 chips, TO-66 | 178,04 | 189,50 |
| LED780D-66-16100, 780 nm, 5.6 W, 3.2 A, 8.7 V, ±64°, 16 chips, TO-66 | 180,25 | 191,85 |
| LED790-66-16100, 790 nm, 120°, 16 chips, TO-66 | 171,65 | 182,70 |
| LED810-66-16100, 810 nm, 900 mW, 1.4 A, 6.8 V, 120°, 16 chips, TO-66 | 171,65 | 182,70 |
| LED830N-66-16100, 830 nm, 16 chips, TO-66 | 157,92 | 168,08 |
| LED850D-66-16100, 850 nm, 8 W, 4 A, 8.4 V, 126°, 16 chips, TO-66 | 138,81 | 147,74 |
| LED870-66-16100, 870 nm, 5 W, 4 A, 7.2V, 120°, 16 chips, TO-66 | 138,81 | 147,74 |
| LED920-66-16100, 920 nm, 650 mW, 2.0 A, 5.5 V, 120°, 16 chips, TO-66 | 93,13 | 99,12 |
| LED940-66-16100, 940 nm, 1000 mW, 2.4 A, 120°, 16 chips, TO-66 | 93,13 | 99,12 |
| LED940D-66-16100, 940 nm, 9.4 W, 4 A, 122°, 16 chips, TO-66 | 142,00 | 151,14 |
| LED950-66-16100, 950 nm, 750 mW, 2.0 A, 5.5 V, 120°, 16 chips, TO-66 | 93,13 | 99,12 |
| LED1050S-66-16100, 1050 nm, 220 mW, 2 A, 4.8 V, 136°, 16 chips, TO-66 | 306,00 | 325,69 |
| LED1050GD-66-16100, 1050 nm, 4 W, 2A, 134°, 16 chips, TO-66 | o.r. | o.r. |
| LED1200S-66-16100, 1200 nm, 280 mW, 2 A, 4.4 V, 138°, 16 chips, TO-66 | 306,00 | 325,69 |
| LED1300S-66-16100, 1300 nm, 200 mW, 2 A, 4.1 V, 138°, 16 chips, TO-66 | 306,00 | 325,69 |
| LED1450S-66-16100, 1450 nm, 110 mW, 2 A, 134°, 16 chips, TO-66 | 306,00 | 325,69 |
| LED1550S-66-16100, 1550 nm, 95 mW, 2 A, 132°, 16 chips, TO-66 | o.r. | o.r. |


| TO-66 HIGH POWER LED ARRAYS WHITE | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>TO-66 High Power LED Array Silicone / Epoxy Resin 12/16 power LED chips inside, white Lens and Heat Sink available</p> | | | | |
| LED47W-66-12100, white, 120°, 12 chips, TO-66 | EOL | | 151,97 | 161,75 |
| LED47W-66-16100, white, 80 lm, 1.2 A, 13 V, 120°, 16 chips, TO-66 | EOL | | 185,54 | 197,48 |


| ACCESSORIES for TO-66 HIGH POWER LED ARRAYS | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>Heat sink, thermal grease, and lenses for TO-66 high power LEDs</p> | | | | |
| HEAT SINK 47X10-5, heat sink for TO-66, aluminium, black anodized, 47.5 x 10 mm | | | 6,15 | 6,55 |
| HEAT SINK 47X20, heat sink for TO-66, aluminium, black anodized, 54 g, 47.5 x 20 mm | | | 9,33 | 9,93 |
| ST-700, Thermal Grease, 10% AgOx, TC >7.5 W/mK, 1 g | | | 1,27 | 1,35 |
| LED-OPTIC-18, aspheric glass lens, 18 mm aperture, ±30°, f: 13.5 mm, for TO-66 LED series | | | 17,87 | 19,02 |
| LED-OPTIC-12, aspheric glass lens, 12 mm aperture, ±30°, f: 12.0 mm, for TO-66 LED series | | | 17,38 | 18,50 |
| LENS-13, plastic lens/reflector, ±15°, for TO-66 LED series | | | 32,00 | 34,06 |


| FAT HIGH POWER NARROW BEAM THREADED LED ARRAYS | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>high power LED array 6 power chips inside, jumbo package, wavelength 655 nm, 685 nm, 800 nm or 870 nm M18 x 1mm thread mounting</p> | | | | |
| FAT-655-40, 655 nm, 150 mW, 250 mA, 12.9 V, tr/ff 80/100 ns, 40°, M18x1 thread | | | 63,00 | 67,05 |
| FAT-685-40, 685 nm, 250 mW, 250 mA, 12.4 V, tr/ff 80/100 ns, 40°, M18x1 thread | | | 63,00 | 67,05 |
| FAT-800-40, 800 nm, 350 mW, 350 mA, 10 V, tr/ff 80/100 ns, 40°, M18x1 thread | | | 46,20 | 49,17 |
| FAT-870-40, 870 nm, 350 mW, 350 mA, 10 V, tr/ff 80/100 ns, 40°, M18x1 thread | | | 46,20 | 49,17 |


| ELJ HIGH POWER NARROW BEAM THREADED LED ARRAYS | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>high power LED array, 6 chips, Jumbo package, wavelengths at 590 nm, 640 nm, 660 nm, 810 nm, 880 nm, 920 nm, 950 nm M10 x 1.5 mm thread package</p> | | | | |
| ELJ-595-225B, 590 nm, 12 mW, 100 mA, 15°, M10x1.5 | EOL | | 26,50 | 28,21 |
| ELJ-630-215, 630 nm, 58 mW, 100 mA, 12°, M10x1.5 | EOL | | 26,50 | 28,21 |

| 10 mm THROUGH HOLE LED ARRAYS | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | high power LED series, 4 parallel chips inside, If: 80 mA, 10 mm clear epoxy | | | | |
| 10W43-HCA-H, white, 13-15 cd, 80 mA, Vf <4.0 V, 60° | | EOL | | 2,80 | 2,98 |
| RLS-10W2P4D, white, 22 cd, 80 mA, Vf <3.4 V, 8-10°, 10 mm epoxy | | | | 3,64 | 3,87 |
| 10W43-HCA-4P, white, 20-25 lm, 80 mA, Vf <3.6 V, 50° | | EOL | | 2,80 | 2,98 |
| 10W4DHCB-H, white, 13-15 cd, 80 mA, Vf <4.0 V, 180° | | EOL | | 2,92 | 3,11 |
| 10B43-HCA-H, 470 nm, 8-10 cd, 80 mA, Vf <4.0 V, 60° | | EOL | | 2,68 | 2,85 |
| 10B4DHCB-H, 470 nm, 8-10 cd, 80 mA, Vf <4.0 V, 180° | | EOL | | 2,80 | 2,98 |
| 10C43-HCA-H, 505 nm, 9-12 cd, 80 mA, Vf <4.0 V, 60° | | EOL | | 2,88 | 3,07 |
| 10C4DHCB-H, 505 nm, 9-11 cd, 80 mA, Vf <4.0 V, 180° | | EOL | | 3,00 | 3,19 |
| 10G43-HCA-H, 525 nm, 15-18 cd, 80 mA, Vf <3.8 V, 60° | | EOL | | 2,88 | 3,07 |
| 10G4DHCB-H, 525 nm, 15-18 cd, 80 mA, Vf <3.8 V, 180° | | EOL | | 3,00 | 3,19 |
| 10Y43-HCA-H, 590 nm, 7-8 cd, 80 mA, Vf <2.2 V, 60° | | EOL | | 1,48 | 1,58 |
| 10Y4DHCB-H, 590 nm, 8-9 cd, 80 mA, Vf <2.2 V, 180° | | EOL | | 1,60 | 1,70 |
| 10R4DHCB-H, 625 nm, 7-8 cd, 80 mA, Vf <2.2 V, 180° | | EOL | | 1,60 | 1,70 |

| 4-PIN / PIRANHA LED ARRAYS | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | high power LED series 4 parallel chips inside, If: 80 mA, clear epoxy package base size: 7.6 x 7.6 mm² | | | | |
| 5W4S2HCA, white, 5-8 cd, 80 mA, Vf <4.0 V, ±90° | | EOL | | 1,68 | 1,79 |
| 5B4S2HCA, 470 nm, 3-6 cd, 80 mA, Vf <4.0 V, ±90° | | EOL | | 1,39 | 1,48 |
| 5G4S2HCA, 528 nm, 7-10 cd, 80 mA, Vf <4.0 V, ±90° | | EOL | | 1,81 | 1,93 |
| 5Y4S2HCA, 590 nm, 3-6 cd, 80 mA, Vf <2.2 V, ±90° | | EOL | | 0,86 | 0,92 |
| 5R4S2HCA, 622 nm, 3-6 cd, 80 mA, Vf <2.2 V, ±90° | | EOL | | 0,83 | 0,88 |

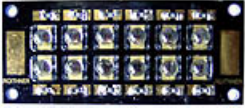
| 35L3 HIGH POWER LED ARRAYS | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | high power LED array aluminium plate package with 3x 1 mm² power chips onboard LED chips connected in parallel Size: 35 mm diameter | | | | |
| 35L3-HW-60, white, 20 cd, 1050 mA, Vf <4.0 V, 60° | | EOL | | 17,50 | 18,63 |
| 35L3-HU-60, 395-405 nm, 3 x 16 mW, 1050 mA, Vf <4.0 V, 60° | | EOL | | 19,50 | 20,76 |
| 35L3-HB-60, 470 nm, 28 cd, 3 x 18 mW, 1050 mA, Vf <4.0 V, 60° | | EOL | | 16,90 | 17,99 |
| 35L3-HC-60, 505 nm, 36 cd, 3 x 17 mW, 1050 mA, Vf <4.0 V, 60° | | EOL | | 19,50 | 20,76 |
| 35L3-HG-60, 525 nm, 28 cd, 3 x 15 mW, 1050 mA, Vf <3.8 V, 60° | | EOL | | 18,50 | 19,69 |
| 35L3-HY-60, 590 nm, 24 cd, 3 x 10 mW, 1050 mA, Vf <2.8 V, 60° | | EOL | | 9,50 | 10,11 |
| 35L3-HR-60, 625 nm, 20 cd, 3 x 22 mW, 1050 mA, Vf <2.8 V, 60° | | EOL | | 9,50 | 10,11 |
| 35L3-H850-60, 850 nm, xxx mW, 1500 mA, Vf <2.5 V, 60° | | EOL | | 18,50 | 19,69 |
| 35L3-H880-60, 880 nm, 3 x 45 mW, 1500 mA, Vf <2.4 V, 60° | | EOL | | 18,50 | 19,69 |
| 35L3-H940-60, 940 nm, 3 x 40 mW, 1500 mA, Vf <2.2 V, 60° | | EOL | | 18,50 | 19,69 |

| C38A8 HIGH POWER LED ARRAYS | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | high power LED array aluminium plate package 8x 1 mm² power chips onboard total 8 W electrical power size: 38 mm diameter | | | | |
| C38A8-HU-30, 395-405 nm, 8 x 16 mW, 4 x 350 mA, Vf 4 x typ. 7.6 V, 30° | | EOL | | 38,00 | 40,45 |
| C38A8-HB-30, 470 nm, 8 x 4.5 lm, 4 x 350 mA, Vf 4 x typ. 7.0 V, 30° | | EOL | | 32,50 | 34,59 |
| C38A8-HY-30, 590 nm, 8 x 10 lm, 4 x 350 mA, Vf 4 x typ. 4.1 V, 30° | | EOL | | 23,00 | 24,48 |
| C38A8-H850-30, 850 nm, 8 x 40 mW, 4 x 300 mA, Vf 4 x typ. 2.9 V, 30° | | EOL | | 40,50 | 43,11 |
| C38A8-H880-30, 880 nm, 8 x 40 mW, 4 x 300 mA, Vf 4 x typ. 2.8 V, 30° | | EOL | | 40,50 | 43,11 |

| L2X3 HIGH POWER LED ARRAYS | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | high power LED array aluminium plate package 24x 3528 SMD LEDs onboard size: 42.1 mm diameter | | | | |
| L2X3-I3CA, 850 nm, 24 x 20 mW/sr, 130 mA, Vf 12 VDC, 120° | | EOL | | 7,25 | 7,72 |
| L2X2-I5LA, 940 nm, 24 x 20 mW/sr, 400 mA, Vf 6 VDC, 120° | | EOL | | 6,20 | 6,60 |
| L2X3-I5LA, 940 nm, 24 x 20 mW/sr, 130 mA, Vf 12 VDC, 120° | | EOL | | 6,20 | 6,60 |

RLT-MIL SUPER HIGH POWER LED ARRAYS


Status MOQ EUR / pc USD / pc





high power LED array, metal PCB package with 12 parallel 1 mm² power chips, 30°.


Size: 72 x 32 mm²


| | | | |
|--|------------|-------|-------|
| RLT-MIL505-12C-30, 505 nm, 12 power chips, 12 x 18 mW, 4.2 A, 4.5V, 30° | EOL | 80,08 | 85,23 |
| RLT-MIL590-12A-30, 590 nm, 12 power chips, 12 x 10 mW, 4.2 A, 3.3V, 30° | EOL | 50,72 | 53,98 |
| RLT-MIL630-12R-30, 630 nm, 12 power chips, 12 x 24 mW, 4.2 A, 3.3V, 30° | EOL | 50,72 | 53,98 |
| RLT-MIL810-12I-30, 810 nm, 12 power chips, 12 x 150 mW, 4.2 A, 2.5V, 30° | EOL | 91,53 | 97,42 |
| RLT-MIL850-12I-30, 850 nm, 12 power chips, 12 x 160 mW, 4.2 A, 2.5V, 30° | EOL | 91,53 | 97,42 |
| RLT-MIL880-12I-30, 880 nm, 12 power chips, 12 x 120 mW, 4.2 A, 2.5V, 30° | EOL | 91,53 | 97,42 |
| RLT-MIL940-12I-30, 940 nm, 12 power chips, 12 x 120 mW, 4.2 A, 2.3V, 30° | EOL | 91,53 | 97,42 |

| RLT-xA SUPER HIGH POWER LED ARRAYS | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | high power LED array 3x 3 high power LED chips on aluminium plate, drive current typ. 1050 mA, electrical power typ. 10 W size: 38.3 x 39.7 mm ² | | | | |
| RLT-BA1000-02, 3x3 array, 470 nm, 100 lm, 1.05 A, 10.2 V, 60° | | EOL | | 64,00 | 68,12 |
| RLT-GA1000-02, 3x3 array, 525 nm, 140 lm, 1.05 A, 10.5 V, 60° | | EOL | | 62,00 | 65,99 |

| ELM SUPER HIGH POWER LED ARRAY | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | | | | | |
| ELM-875-8X24-2, 870 nm, 720 mW, 500 mA, Vf 7.0 V, 25°, size 24 x 8 x 5.5 mm | | EOL | | 72,00 | 76,63 |

| ELA SUPER HIGH POWER LED ARRAY | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | high power LED arrays for illumination purposes | | | | |
| ELA-920-22X60, 920 nm, 2 x 10 emitters, 1 W, 22 x 60 mm | | EOL | | 92,22 | 98,16 |

| TO3A4 HIGH POWER LED ARRAYS | | Status | MOQ | EUR / pc | USD / pc |
|--|--|--------|-----|----------|----------|
|  | high power LED array TO-3 package with 4 power LED chips inside, 2 x 2 matrix diverse wavelengths available on request | | | | |
| TO3A4-H390-180, 382-390 nm, 200 mW, 1.4 A, Vf 4.1 V, ±90°, TO-3 | | EOL | | 63,00 | 67,05 |
| TO3A4-HU-180, 395-405 nm, 65 mW, 1.4 A, Vf 4.5 V, ±90°, TO-3 | | EOL | | 23,80 | 25,33 |
| TO3A4-HB-180, 470 nm, 90 mW, 1.4 A, Vf 4.4 V, ±90°, TO-3 | | EOL | | 19,40 | 20,65 |
| TO3A4-HW-180, white, 70 cd, 1.4 A, Vf 4.1 V, ±90°, TO-3 | | EOL | | 21,20 | 22,56 |
| TO3A4-HY-180, 590 nm, 160 mW, 1.4 A, Vf 2.6 V, ±90°, TO-3 | | EOL | | 14,40 | 15,33 |
| TO3A4-HR-180, 630 nm, 110 mW, 1.4 A, Vf 2.5 V, ±90°, TO-3 | | EOL | | 14,40 | 15,33 |
| TO3A4-H650-180, 650 nm, 130 mW, 1.4 A, Vf 2.5 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H660-180, 660 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H670-180, 670 nm, 200 mW, 1.4 A, Vf 2.5 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H680-180, 680 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H690-180, 690 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H720-180, 720 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H740-180, 740 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H760-180, 760 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H770-180, 770 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H780-180, 780 nm, 270 mW, 1.4 A, Vf 2.2 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H810-180, 810 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H820-180, 820 nm, 260 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H880-180, 880 nm, 200 mW, 1.2 A, Vf 1.9 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H890-180, 890 nm, 200 mW, 1.4 A, Vf 1.9 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H905-180, 905 nm, 150 mW, 1.2 A, Vf 1.7 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |
| TO3A4-H940-180, 940 nm, 150 mW, 1.2 A, Vf 1.7 V, ±90°, TO-3 | | EOL | | 25,40 | 27,03 |

| IDLT WHITE POWER LED ARRAYS | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | industrial series high power LED array alu PCB design, diameter 55 mm brightness up to 1200 lm | | | | |
| IDLT018-CW3, white, 5000-10000 K, 220 lm, ±75°, If 320 mA, Vf 9.0-11.0 V | | EOL | | 6,85 | 7,29 |
| IDLT018-CW6, white, 5000-10000 K, 430 lm, ±75°, If 640 mA, Vf 9.0-11.0 V | | EOL | | 10,44 | 11,11 |
| IDLT018-WW3, warm white, 2700-4500 K, 200 lm, ±75°, If 320 mA, Vf 9.0-11.0 V | | EOL | | 6,85 | 7,29 |
| IDLT018-WW6, warm white, 2700-4500 K, 410 lm, ±75°, If 640 mA, Vf 9.0-11.0 V | | EOL | | 10,44 | 11,11 |
| IDLT018-WW9, warm white, 2700-4500 K, 700 lm, ±75°, If 960 mA, Vf 9.0-11.0 V | | EOL | | 14,35 | 15,27 |



industrial series high power LED array
alu PCB design, diameter 30 mm

brightness 115 lm

| | | | |
|---|------------|------|------|
| IDLT021-CW1, white, 5000-10000 K, 115 lm, ±75°, If 120 mA, Vf 11.6-13.5V | EOL | 4,70 | 5,00 |
| IDLT021-WW1, warm white, 2700-4500 K, 110 lm, ±75°, If 120 mA, Vf 9.0-11.0V | EOL | 4,70 | 5,00 |
| IDLT021-CW1HV, white, 5000-10000 K, 115 lm, ±75°, If 20 mA, Vf 70-82 V | EOL | 4,70 | 5,00 |
| IDLT021-WW1HV, warm white, 2700-4500 K, 110 lm, ±75°, If 20 mA, Vf 70-82 V | EOL | 4,70 | 5,00 |



industrial durable high power LED array
alu PCB design 48 x 7 x 1.7 mm

brightness 175 lm

| | | | |
|--|------------|------|------|
| IDLT020-WW3, warm white, 2700-4500 K, 160 lm, ±75°, If 320 mA, Vf 9.0-10.5 V | EOL | 7,05 | 7,50 |
|--|------------|------|------|

DRIVERS FOR LEDs



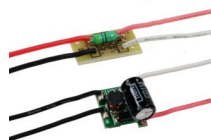
| LED TESTER | Status | MOQ | EUR / pc | USD / pc |
|------------|--------|-----|----------|----------|
|------------|--------|-----|----------|----------|



compact handheld LED Tester
2, 5, 10, 20, 30, 50, 70, 150 mA selectable
suitable for standard and piranha LEDs
control LED
battery included

| | | | | |
|---|--|--|------|-------|
| LED TESTER, 2...150 mA, battery included, 75 g, 80 x 55 x 22 mm | | | 9,90 | 10,54 |
|---|--|--|------|-------|

| DRIVERS FOR LEDs | Status | MOQ | EUR / pc | USD / pc |
|------------------|--------|-----|----------|----------|
|------------------|--------|-----|----------|----------|



Drivers for LEDs

- constant current logic
- easy to install
- small size

| | | | | |
|--|--|--|------|------|
| LLP20, output 20-30 mA, input 1.5 VDC, for 1-5 LEDs (Vf 3.0 V), 21x11 mm | | | 2,48 | 2,64 |
| CDDL350, output 350 mA, 12-24 V, input 7-30 VDC, 18x13 mm | | | 3,90 | 4,15 |
| CDDL700, output 700 mA, 12-24 V, input 7-30 VDC, 18x13 mm | | | 3,90 | 4,15 |



Constant current driver for high power LEDs
- **Supply voltage 220 -240 VAC**
- DC constant current output
- Output current selectable by jumper
- Protection: thermal, overload, overvoltage, short circuit
- CE certified, complies EN 61347-2-13

| | | | | |
|--|------------|--|-------|-------|
| MULTIPOWER15-2, 150/250/350 mA, 220-240 VAC, 15 W, 34 x 115 x 19 mm ³ | NEW | | 28,70 | 30,55 |
| MULTIPOWER20, 200-950 mA, 220-240 VAC, 20 W, 118 x 52 x 22 mm ³ | NEW | | 35,40 | 37,68 |



Constant current driver for high power LEDs
- **Supply voltage 95 -240 VAC**
- DC constant current output
- Thermal overload protection
- Short circuit protection
- CE certified, complies EN 61347-2-13

| | | | | |
|---|--|--|-------|-------|
| PTDCC/3/350N, 350 mA, 95 - 240 VAC, 3 W, 40 x 42 x 21 mm ³ | | | 15,90 | 16,92 |
|---|--|--|-------|-------|



Constant current driver for high power LEDs
- **Supply voltage 220 -240 VAC**
- DC constant current output
- Thermal overload protection
- Short circuit protection
- CE certified, complies EN 61347

| | | | | |
|--|--|--|-------|-------|
| PTDCC/15/500, 500 mA, 220-240 VAC, 17 W, 38 x 123 x 21 mm ³ | | | 27,35 | 29,11 |
| PTDCC/15/700, 700 mA, 220-240 VAC, 17 W, 38 x 123 x 21 mm ³ | | | 28,55 | 30,39 |




Constant current driver for high power LED
- **Supply voltage 95 -240 VAC**
- DC constant current output
- Thermal overload and short circuit protection
- Built-in type
- CE certified, complies EN 61347

| | | | | |
|--|--|--|-------|-------|
| PTDCCL/10/350, 350 mA, 95-240 VAC, 10 W, 22 x 145 x 22 mm ³ | | | 19,80 | 21,07 |
|--|--|--|-------|-------|

MID-IR LEDs



| MID-IR LEDs single chip 1.05 - 4.80 μm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|---------|----------|----------|
|  <p>Standard Mid-IR LEDs - wavelength: 1 - 5 μm - QCW and pulse mode operation options: parabolic reflector (R), window (W), thermoelectric cooler and thermoresistor (T), glass cover (L), narrow spectrum (NS) package: SMD, TO-18, TO-5</p> | | | | |
| 1.05 μm | | | | |
| LED10-SMD3020, 1.03-1.07 μm , FWHM 70-100 nm, QCW 12-20 mW, SMD 3x2 mm | | 10 pcs. | 53,65 | 57,10 |
| LED10, 1.03-1.07 μm , FWHM 70-100 nm, QCW 12-20 mW, TO-18, cap, window | | | 85,10 | 90,58 |
| LED10-R, 1.03-1.07 μm , FWHM 70-100 nm, QCW 12-20 mW, TO-18, reflector, no window | | | 96,20 | 102,39 |
| LED10-RW, 1.03-1.07 μm , FWHM 70-100 nm, QCW 12-20 mW, TO-18, reflector, window | | | 118,40 | 126,02 |
| LED10-TW, 1.03-1.07 μm , FWHM 70-100 nm, QCW 12-20 mW, TO-5, cap, window, TEC | | | 252,00 | 268,22 |
| LED10-TRW, 1.03-1.07 μm , FWHM 70-100 nm, QCW 12-20 mW, TO-5, reflector, window, TEC | | | 271,25 | 288,71 |
| 1.32 μm | | | | |
| LED13-SMD3020, 1.25-1.33 μm , FWHM 70-100 nm, QCW 10-18 mW, SMD 3x2 mm | | 10 pcs. | 53,65 | 57,10 |
| LED13, 1.25-1.33 μm , FWHM 70-100 nm, QCW 10-18 mW, TO-18, cap, window | | | 85,10 | 90,58 |
| LED13-R, 1.25-1.33 μm , FWHM 70-100 nm, QCW 10-18 mW, TO-18, reflector, no window | | | 96,20 | 102,39 |
| LED13-RW, 1.25-1.33 μm , FWHM 70-100 nm, QCW 10-18 mW, TO-18, reflector, window | | | 118,40 | 126,02 |
| LED13-TW, 1.25-1.33 μm , FWHM 70-100 nm, QCW 10-18 mW, TO-5, cap, window, TEC | | | 252,00 | 268,22 |
| LED13-TRW, 1.25-1.33 μm , FWHM 70-100 nm, QCW 10-18 mW, TO-5, reflector, window, TEC | | | 271,25 | 288,71 |
| 1.45 μm | | | | |
| LED14-SMD3020, 1.40-1.49 μm , FWHM 90-120 nm, QCW 7-15 mW, SMD 3x2 mm | | 10 pcs. | 53,65 | 57,10 |
| LED14, 1.40-1.49 μm , FWHM 90-120 nm, QCW 7-15 mW, TO-18, cap, window | | | 85,10 | 90,58 |
| LED14-R, 1.40-1.49 μm , FWHM 90-120 nm, QCW 7-15 mW, TO-18, reflector, no window | | | 96,20 | 102,39 |
| LED14-RW, 1.40-1.49 μm , FWHM 90-120 nm, QCW 7-15 mW, TO-18, reflector, window | | | 118,40 | 126,02 |
| LED14-TW, 1.40-1.49 μm , FWHM 90-120 nm, QCW 7-15 mW, TO-5, cap, window, TEC | | | 252,00 | 268,22 |
| LED14-TRW, 1.40-1.49 μm , FWHM 90-120 nm, QCW 7-15 mW, TO-5, reflector, window, TEC | | | 271,25 | 288,71 |
| 1.53 μm | | | | |
| LED15-SMD3020, 1.50-1.59 μm , FWHM 110-140 nm, QCW 7-15 mW, SMD 3x2 mm | | 10 pcs. | 53,65 | 57,10 |
| LED15, 1.50-1.59 μm , FWHM 110-140 nm, QCW 7-15 mW, TO-18, cap, window | | | 85,10 | 90,58 |
| LED15-R, 1.50-1.59 μm , FWHM 110-140 nm, QCW 7-15 mW, TO-18, reflector, no window | | | 96,20 | 102,39 |
| LED15-RW, 1.50-1.59 μm , FWHM 110-140 nm, QCW 7-15 mW, TO-18, reflector, window | | | 118,40 | 126,02 |
| LED15-TW, 1.50-1.59 μm , FWHM 110-140 nm, QCW 7-15 mW, TO-5, cap, window, TEC | | | 252,00 | 268,22 |
| LED15-TRW, 1.50-1.59 μm , FWHM 110-140 nm, QCW 7-15 mW, TO-5, reflector, window, TEC | | | 271,25 | 288,71 |
| 1.65 μm | | | | |
| LED16-SMD3020, 1.60-1.69 μm , FWHM 120-150 nm, QCW 7-15 mW, SMD 3x2 mm | | 10 pcs. | 53,65 | 57,10 |
| LED16, 1.60-1.69 μm , FWHM 120-150 nm, QCW 7-15 mW, TO-18, cap, window | | | 85,10 | 90,58 |
| LED16-R, 1.60-1.69 μm , FWHM 120-150 nm, QCW 7-15 mW, TO-18, reflector, no window | | | 96,20 | 102,39 |
| LED16-RW, 1.60-1.69 μm , FWHM 120-150 nm, QCW 7-15 mW, TO-18, reflector, window | | | 118,40 | 126,02 |
| LED16-TW, 1.60-1.69 μm , FWHM 120-150 nm, QCW 7-15 mW, TO-5, cap, window, TEC | | | 252,00 | 268,22 |
| LED16-TRW, 1.60-1.69 μm , FWHM 120-150 nm, QCW 7-15 mW, TO-5, reflector, window, TEC | | | 271,25 | 288,71 |
| 1.73 μm | | | | |
| LED17-SMD3020, 1.70-1.76 μm , FWHM 160-220 nm, QCW 5-10 mW, SMD 3x2 mm | | 10 pcs. | 53,65 | 57,10 |
| LED17, 1.70-1.76 μm , FWHM 160-220 nm, QCW 5-10 mW, TO-18, cap, window | | | 85,10 | 90,58 |
| LED17-R, 1.70-1.76 μm , FWHM 160-220 nm, QCW 5-10 mW, TO-18, reflector, no window | | | 96,20 | 102,39 |
| LED17-RW, 1.70-1.76 μm , FWHM 160-220 nm, QCW 5-10 mW, TO-18, reflector, window | | | 118,40 | 126,02 |
| LED17-TW, 1.70-1.76 μm , FWHM 160-220 nm, QCW 5-10 mW, TO-5, cap, window, TEC | | | 252,00 | 268,22 |
| LED17-TRW, 1.70-1.76 μm , FWHM 160-220 nm, QCW 5-10 mW, TO-5, reflector, window, TEC | | | 271,25 | 288,71 |
| 1.85 μm | | | | |
| LED18-SMD3020, 1.80-1.89 μm , FWHM 100-200 nm, QCW 0.7-1.1 mW, SMD 3x2 mm | | 10 pcs. | 70,30 | 74,82 |
| LED18, 1.80-1.89 μm , FWHM 100-200 nm, QCW 0.7-1.1 mW, TO-18, cap, window | | | 92,50 | 98,45 |
| LED18-R, 1.80-1.89 μm , FWHM 100-200 nm, QCW 0.7-1.1 mW, TO-18, reflector, no window | | | 103,60 | 110,27 |
| LED18-RW, 1.80-1.89 μm , FWHM 100-200 nm, QCW 0.7-1.1 mW, TO-18, reflector, window | | | 125,80 | 133,90 |
| LED18-TW, 1.80-1.89 μm , FWHM 100-200 nm, QCW 0.7-1.1 mW, TO-5, cap, window, TEC | | | 259,00 | 275,67 |
| LED18-TRW, 1.80-1.89 μm , FWHM 100-200 nm, QCW 0.7-1.1 mW, TO-5, reflector, window, TEC | | | 278,25 | 296,16 |
| 1.95 μm | | | | |
| LED19-SMD3020, 1.90-1.99 μm , FWHM 100-200 nm, QCW 0.8-1.2 mW, SMD 3x2 mm | | 10 pcs. | 70,30 | 74,82 |
| LED19, 1.90-1.99 μm , FWHM 100-200 nm, QCW 0.8-1.2 mW, TO-18, cap, window | | | 92,50 | 98,45 |
| LED19-R, 1.90-1.99 μm , FWHM 100-200 nm, QCW 0.8-1.2 mW, TO-18, reflector, no window | | | 103,60 | 110,27 |
| LED19-RW, 1.90-1.99 μm , FWHM 100-200 nm, QCW 0.8-1.2 mW, TO-18, reflector, window | | | 125,80 | 133,90 |
| LED19-TW, 1.90-1.99 μm , FWHM 100-200 nm, QCW 0.8-1.2 mW, TO-5, cap, window, TEC | | | 259,00 | 275,67 |
| LED19-TRW, 1.90-1.99 μm , FWHM 100-200 nm, QCW 0.8-1.2 mW, TO-5, reflector, window, TEC | | | 278,25 | 296,16 |
| 2.05 μm | | | | |
| LED20-SMD3020, 2.00-2.09 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, SMD 3x2 mm | | 10 pcs. | 70,30 | 74,82 |
| LED20, 2.00-2.09 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, cap, window | | | 92,50 | 98,45 |
| LED20-R, 2.00-2.09 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, reflector, no window | | | 103,60 | 110,27 |
| LED20-RW, 2.00-2.09 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, reflector, window | | | 125,80 | 133,90 |
| LED20-TW, 2.00-2.09 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-5, cap, window, TEC | | | 259,00 | 275,67 |
| LED20-TRW, 2.00-2.09 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-5, reflector, window, TEC | | | 278,25 | 296,16 |
| 2.15 μm | | | | |
| LED21-SMD3020, 2.10-2.19 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, SMD 3x2 mm | | 10 pcs. | 70,30 | 74,82 |
| LED21, 2.10-2.19 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, cap, window | | | 92,50 | 98,45 |
| LED21-R, 2.10-2.19 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, reflector, no window | | | 103,60 | 110,27 |
| LED21-RW, 2.10-2.19 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, reflector, window | | | 125,80 | 133,90 |
| LED21-TW, 2.10-2.19 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-5, cap, window, TEC | | | 259,00 | 275,67 |
| LED21-TRW, 2.10-2.19 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-5, reflector, window, TEC | | | 278,25 | 296,16 |
| 2.22 μm | | | | |
| LED22-SMD3020, 2.20-2.29 μm , FWHM 150-250 nm, QCW 0.8-1.2 mW, SMD 3x2 mm | | 10 pcs. | 70,30 | 74,82 |

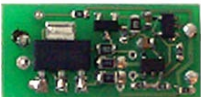
| | | | |
|---|---------|--------|--------|
| LED22, 2.20-2.29 µm, FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, cap, no window | | 92,50 | 98,45 |
| LED22-R, 2.20-2.29 µm, FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, reflector, no window | | 103,60 | 110,27 |
| LED22-RW, 2.20-2.29 µm, FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-18, reflector, window | | 125,80 | 133,90 |
| LED22-TW, 2.20-2.29 µm, FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-5, cap, window, TEC | | 259,00 | 275,67 |
| LED22-TRW, 2.20-2.29 µm, FWHM 150-250 nm, QCW 0.8-1.2 mW, TO-5, reflector, window, TEC | | 278,25 | 296,16 |
| 2.35 µm | | | |
| LED23-SMD3020, 2.30-2.39 µm, FWHM 170-270 nm, QCW 0.6-1.0 mW, SMD 3x2 mm | 10 pcs. | 70,30 | 74,82 |
| LED23, 2.30-2.39 µm, FWHM 170-270 nm, QCW 0.6-1.0 mW, TO-18, cap, no window | | 92,50 | 98,45 |
| LED23-R, 2.30-2.39 µm, FWHM 170-270 nm, QCW 0.6-1.0 mW, TO-18, reflector, no window | | 103,60 | 110,27 |
| LED23-RW, 2.30-2.39 µm, FWHM 170-270 nm, QCW 0.6-1.0 mW, TO-18, reflector, window | | 125,80 | 133,90 |
| LED23-TW, 2.30-2.39 µm, FWHM 170-270 nm, QCW 0.6-1.0 mW, TO-5, cap, window, TEC | | 259,00 | 275,67 |
| LED23-TRW, 2.30-2.39 µm, FWHM 170-270 nm, QCW 0.6-1.0 mW, TO-5, reflector, window, TEC | | 278,25 | 296,16 |
| 2.75 µm | | | |
| LED27-SMD3020, 2.70-2.79 µm, FWHM 300-500 nm, QCW 12-25 µW, SMD 3x2 mm | 10 pcs. | 70,30 | 74,82 |
| LED27, 2.70-2.79 µm, FWHM 300-500 nm, QCW 12-25 µW, TO-18, cap, no window | | 92,50 | 98,45 |
| LED27-R, 2.70-2.79 µm, FWHM 300-500 nm, QCW 12-25 µW, TO-18, reflector, no window | | 103,60 | 110,27 |
| LED27-RW, 2.70-2.79 µm, FWHM 300-500 nm, QCW 12-25 µW, TO-18, reflector, window | | 125,80 | 133,90 |
| LED27-CH, 2.70-2.79 µm, FWHM 300-500 nm, QCW 50-150 µW, TO-18, chalcogenide glass | | 103,60 | 110,27 |
| LED27-TW, 2.70-2.79 µm, FWHM 300-500 nm, QCW 12-25 µW, TO-5, cap, window, TEC | | 259,00 | 275,67 |
| LED27-TRW, 2.70-2.79 µm, FWHM 300-500 nm, QCW 12-25 µW, TO-5, reflector, window, TEC | | 278,25 | 296,16 |
| 2.84 µm | | | |
| LED28-SMD3020, 2.83-2.90 µm, FWHM 300-500 nm, QCW 20-40 µW, SMD 3x2 mm | 10 pcs. | 70,30 | 74,82 |
| LED28, 2.83-2.90 µm, FWHM 300-500 nm, QCW 20-40 µW, TO-18, cap, no window | | 92,50 | 98,45 |
| LED28-R, 2.83-2.90 µm, FWHM 300-500 nm, QCW 20-40 µW, TO-18, reflector, no window | | 103,60 | 110,27 |
| LED28-RW, 2.83-2.90 µm, FWHM 300-500 nm, QCW 20-40 µW, TO-18, reflector, window | | 125,80 | 133,90 |
| LED28-CH, 2.83-2.90 µm, FWHM 300-500 nm, QCW 100-300 µW, TO-18, chalcogenide glass | | 103,60 | 110,27 |
| LED28-TW, 2.83-2.90 µm, FWHM 300-500 nm, QCW 20-40 µW, TO-5, cap, window, TEC | | 259,00 | 275,67 |
| LED28-TRW, 2.83-2.90 µm, FWHM 300-500 nm, QCW 20-40 µW, TO-5, reflector, window, TEC | | 278,25 | 296,16 |
| 3.40 µm | | | |
| LED34-SMD3020, 3.30-3.44 µm, FWHM 250-600 nm, QCW 20-45 µW, SMD 3x2 mm | 10 pcs. | 38,85 | 41,35 |
| LED34, 3.30-3.44 µm, FWHM 250-600 nm, QCW 20-45 µW, TO-18, cap, no window | | 49,95 | 53,16 |
| LED34-R, 3.30-3.44 µm, FWHM 250-600 nm, QCW 20-45 µW, TO-18, reflector, no window | | 61,05 | 64,98 |
| LED34-RW, 3.30-3.44 µm, FWHM 250-600 nm, QCW 20-45 µW, TO-18, reflector, window | | 83,25 | 88,61 |
| LED34-CH, 3.30-3.44 µm, FWHM 250-600 nm, QCW 100-300 µW, TO-18, chalcogenide glass | | 61,05 | 64,98 |
| LED34-TW, 3.30-3.44 µm, FWHM 250-600 nm, QCW 20-45 µW, TO-5, cap, window, TEC | | 218,75 | 232,83 |
| LED34-TRW, 3.30-3.44 µm, FWHM 250-600 nm, QCW 20-45 µW, TO-5, reflector, window, TEC | | 238,00 | 253,32 |
| 3.45 µm | | | |
| LED35-SMD3020, 3.45-3.52 µm, FWHM 300-600 nm, QCW 20-40 µW, SMD 3x2 mm | 10 pcs. | 70,30 | 74,82 |
| LED35, 3.45-3.52 µm, FWHM 300-600 nm, QCW 20-40 µW, TO-18, cap, no window | | 92,50 | 98,45 |
| LED35-R, 3.45-3.52 µm, FWHM 300-600 nm, QCW 20-40 µW, TO-18, reflector, no window | | 103,60 | 110,27 |
| LED35-RW, 3.45-3.52 µm, FWHM 300-600 nm, QCW 20-40 µW, TO-18, reflector, window | | 125,80 | 133,90 |
| LED35-TW, 3.45-3.52 µm, FWHM 300-600 nm, QCW 20-40 µW, TO-5, cap, window, TEC | | 259,00 | 275,67 |
| LED35-TRW, 3.45-3.52 µm, FWHM 300-600 nm, QCW 20-40 µW, TO-5, reflector, window, TEC | | 278,25 | 296,16 |
| 3.56 µm | | | |
| LED36-SMD3020, 3.53-3.69 µm, FWHM 300-600 nm, QCW 15-40 µW, SMD 3x2 mm | 10 pcs. | 70,30 | 74,82 |
| LED36, 3.53-3.69 µm, FWHM 300-600 nm, QCW 15-40 µW, TO-18, cap, no window | | 92,50 | 98,45 |
| LED36-R, 3.53-3.69 µm, FWHM 300-600 nm, QCW 15-40 µW, TO-18, reflector, no window | | 103,60 | 110,27 |
| LED36-RW, 3.53-3.69 µm, FWHM 300-600 nm, QCW 15-40 µW, TO-18, reflector, window | | 125,80 | 133,90 |
| LED36-TW, 3.53-3.69 µm, FWHM 300-600 nm, QCW 15-40 µW, TO-5, cap, window, TEC | | 259,00 | 275,67 |
| LED36-TRW, 3.53-3.69 µm, FWHM 300-600 nm, QCW 15-40 µW, TO-5, reflector, window, TEC | | 278,25 | 296,16 |
| 3.85 µm | | | |
| LED38-SMD3020, 3.76-3.94 µm, FWHM 400-700 nm, QCW 12-30 µW, SMD 3x2 mm | 10 pcs. | 38,85 | 41,35 |
| LED38, 3.76-3.94 µm, FWHM 400-700 nm, QCW 12-30 µW, TO-18, cap, no window | | 49,95 | 53,16 |
| LED38-R, 3.76-3.94 µm, FWHM 400-700 nm, QCW 12-30 µW, TO-18, reflector, no window | | 61,05 | 64,98 |
| LED38-RW, 3.76-3.94 µm, FWHM 400-700 nm, QCW 12-30 µW, TO-18, reflector, window | | 83,25 | 88,61 |
| LED38-CH, 3.70-3.94 µm, FWHM 400-700 nm, QCW 80-180 µW, TO-18, chalcogenide glass | | 61,05 | 64,98 |
| LED38-TW, 3.76-3.94 µm, FWHM 400-700 nm, QCW 12-30 µW, TO-5, cap, window, TEC | | 218,75 | 232,83 |
| LED38-TRW, 3.76-3.94 µm, FWHM 400-700 nm, QCW 12-30 µW, TO-5, reflector, window, TEC | | 238,00 | 253,32 |
| 4.05 µm | | | |
| LED41-SMD3020, 3.95-4.09 µm, FWHM 400-1200 nm, QCW 12-30 µW, SMD 3x2 mm | 10 pcs. | 70,30 | 74,82 |
| LED41, 3.95-4.09 µm, FWHM 400-1200 nm, QCW 12-30 µW, TO-18, cap, no window | | 92,50 | 98,45 |
| LED41-R, 3.95-4.09 µm, FWHM 400-1200 nm, QCW 12-30 µW, TO-18, reflector, no window | | 103,60 | 110,27 |
| LED41-RW, 3.95-4.09 µm, FWHM 400-1200 nm, QCW 12-30 µW, TO-18, reflector, window | | 125,80 | 133,90 |
| LED41-TW, 3.95-4.09 µm, FWHM 400-1200 nm, QCW 12-30 µW, TO-5, cap, window, TEC | | 259,00 | 275,67 |
| LED41-TRW, 3.95-4.09 µm, FWHM 400-1200 nm, QCW 12-30 µW, TO-5, reflector, window, TEC | | 278,25 | 296,16 |
| 4.15 µm | | | |
| LED43-SMD3020, 4.10-4.30 µm, FWHM 400-1200 nm, QCW 15-50 µW, SMD 3x2 mm | 10 pcs. | 38,85 | 41,35 |
| LED43, 4.10-4.30 µm, FWHM 400-1200 nm, QCW 15-50 µW, TO-18, cap, no window | | 49,95 | 53,16 |
| LED43-R, 4.10-4.30 µm, FWHM 400-1200 nm, QCW 15-50 µW, TO-18, reflector, no window | | 61,05 | 64,98 |
| LED43-RW, 4.10-4.30 µm, FWHM 400-1200 nm, QCW 15-50 µW, TO-18, reflector, window | | 83,25 | 88,61 |
| LED43-CH, 4.10-4.30 µm, FWHM 400-1200 nm, QCW 80-180 µW, TO-18, chalcogenide glass | | 58,80 | 62,58 |
| LED43-TW, 4.10-4.30 µm, FWHM 400-1200 nm, QCW 15-50 µW, TO-5, cap, window, TEC | | 218,75 | 232,83 |
| LED43-TRW, 4.10-4.30 µm, FWHM 400-1200 nm, QCW 15-50 µW, TO-5, reflector, window, TEC | | 238,00 | 253,32 |
| LED43-CHTRW, 4.10-4.30 µm, FWHM 400-1200 nm, QCW >50 µW, TO-5, chalcogenide glass, reflector, window, TEC | | 337,75 | 359,49 |


| | | |
|---|--------|--------|
| 4.35 µm | | |
| LED44-R, 4.15-4.40 µm, FWHM 800-1200 nm, QCW >12 µW, TO-18, reflector, no window | 103,60 | 110,27 |
| LED44-RW, 4.15-4.40 µm, FWHM 800-1200 nm, QCW >12 µW, TO-18, reflector, window | 125,80 | 133,90 |
| LED44-CH, 4.15-4.40 µm, FWHM 800-1200 nm, QCW >75 µW, TO-18, chalcogenide glass | 103,60 | 110,27 |
| LED44-TRW, 4.15-4.40 µm, FWHM 800-1200 nm, QCW >10 µW, TO-5, reflector, window, TEC | 278,25 | 296,16 |
| LED44-CHTRW, 4.15-4.40 µm, FWHM 800-1200 nm, QCW >45 µW, TO-5, chalcogenide glass, reflector, window, TEC | 378,00 | 402,33 |
| 4.70 µm | | |
| IR S-LED 4.70, peak 4.7 µm, 5µW@200mA CW, 25µW@1A pulsed, ±15°, TO-39 | 172,92 | 184,05 |
| 4.80 µm | | |
| IR S-LED 4.80, peak 4.8 µm, 5µW@200mA CW, 25µW@1A pulsed, ±15°, TO-39 | 210,42 | 223,96 |


| MID-IR LEDs multi chip 1.05 - 4.60 µm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
| 3.40 µm, 4 chips, single wavelength | | | | |
| LED34M4, 3.30-3.49 µm, FWHM 400-600 nm, 90-160 µW QCW, TO-18, cap, window | | | 246,40 | 262,26 |
| LED34M4-R, 3.30-3.49 µm, FWHM 400-600 nm, 90-160 µW QCW, TO-18, reflector, | | | 257,60 | 274,18 |
| LED34M4-RW, 3.30-3.49 µm, FWHM 400-600 nm, 90-160 µW QCW, TO-18, reflector, window | | | 280,00 | 298,02 |
| LED34M4-TW, 3.30-3.49 µm, FWHM 400-600 nm, 90-160 µW QCW, TO-5, cap, window, TEC | | | 420,00 | 447,03 |
| LED34M4-TRW, 3.30-3.49 µm, FWHM 400-600 nm, 90-160 µW QCW, TO-5, reflector, win., TEC | | | 440,00 | 468,32 |
| 4.30 µm, 4 chips, single wavelength | | | | |
| LED43M4, 4.10-4.30 µm, FWHM 700-1000 nm, 25-45 µW QCW, TO-18, cap, window | | | 246,40 | 262,26 |
| LED43M4-R, 4.10-4.30 µm, FWHM 700-1000 nm, 25-45 µW QCW, TO-18, reflector, | | | 257,60 | 274,18 |
| LED43M4-RW, 4.10-4.30 µm, FWHM 700-1000 nm, 25-45 µW QCW, TO-18, reflector, window | | | 299,60 | 318,88 |
| LED43M4-TW, 4.10-4.30 µm, FWHM 700-1000 nm, 25-45 µW QCW, TO-5, cap, window, TEC | | | 420,00 | 447,03 |
| LED43M4-TRW, 4.10-4.30 µm, FWHM 700-1000 nm, 25-45 µW QCW, TO-5, reflector, win., TEC | | | 420,00 | 447,03 |
| 2 chips, multi-wavelength, independent operation | | | | |
| LED1915M2, 1.94 and 1.55 µm, peak, 2 chips, independent, TO-18 | | | 221,20 | 235,44 |
| LED2015M2, 2.06 and 1.55 µm, peak, 2 chips, independent, TO-18 | | | 221,20 | 235,44 |
| LED2315M2, 2.34 and 1.55 µm, peak, 2 chips, independent, TO-18 | | | 226,80 | 241,40 |
| LED3429M2, 3.34 and 2.9 µm, peak, 2 chips, independent, TO-18 | | | 221,20 | 235,44 |
| LED3629M2, 3.6 and 2.9 µm, peak, 2 chips, independent, TO-18 | | | 221,20 | 235,44 |
| LED3829M2, 3.8 and 2.9 µm, peak, 2 chips, independent, TO-18 | | | 221,20 | 235,44 |
| LED4337M2, 4.27 and 3.7 µm, peak, 2 chips, independent, TO-18 | | | 226,80 | 241,40 |
| LED4637M2, 4.67 and 3.7 µm, peak, 2 chips, independent, TO-18 | | | 226,80 | 241,40 |
| 1.3 - 2.1 µm, 6 chips, multi-wavelength, independent operation | | | | |
| LED13-21M6, 1.3-2.1 µm, 6 independent chips, pulse mode, TO-5, cap, window | | | 220,00 | 234,16 |
| LED13-21M6-TW, 1.3-2.1 µm, 6 independent chips, pulse mode, TO-5, cap, window, TEC | | | 220,00 | 234,16 |
| further wavelengths on request | | | | |

ACCESSORIES FOR MID-IR LEDs ↑


| PARABOLIC REFLECTOR | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
| PARABOLIC REFLECTOR, aluminium reflector for TO-18 package | | | 16,00 | 17,03 |


| MINI DRIVER BOARDS FOR MID-IR LEDs QCW and PULSED MODE | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>Current pulse drivers for LEDs and Mid-IR LEDs</p> <ul style="list-style-type: none"> - open pcb type - fixed parameters - synchronization output <p>operating voltage: 5 VDC size: 12 x 24 mm</p> | | | | |
| PCB-MDRIVER-QCW, QCW mode, 50%, duty cycle, 500 µs on/off, f 1kHz, current 150 mA | | | 103,60 | 110,27 |
| PCB-MDRIVER-P, PULSED mode, 5 µs on / 495 µs off, 2 kHz, 2 A | | | 103,60 | 110,27 |

| MULTI-CHANNEL DRIVER BOARD FOR MID-IR LEDs PULSED MODE | | Status | MOQ | EUR / pc | USD / pc |
|--|---|--------|-----|----------|----------|
|  <p>Multi-Channel pulse driver for LEDs and Mid-IR LEDs - open pcb type - fixed pulsed mode (set to your needs) - each channel 0.4 A and 0.5 kHz operating voltage: 12 VDC size: 105 x 70 x 15 mm</p> | PCB-DRIVER-MC, multi-channel, up to 8 channels, PD input, synch. detector | | | 808,50 | 860,54 |
| | PCB-DRIVER-MCA, multi-channel, up to 8 channels, PD input & preamplifier, synch. detector | | | 808,50 | 860,54 |

| CURRENT CONTROLLERS FOR MID-IR LEDs QCW and PULSED MODE | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  <p>Drivers for LEDs and Laser Diodes - qcw mode for max. average optical power - pulsed mode for max. peak optical power - available with integrated thermocooler</p> | D-11, qcw & pulsed driver for LEDs and LDs, adjustable operation mode | | | 148,00 | 157,53 |
| | D-31M, qcw & pulsed driver for LEDs, adjustable current/pulse/rep. rate | | | 216,30 | 230,22 |
| | DLT-27, qcw & pulsed mode driver for LEDs and LDs with TEC | | | 413,70 | 440,33 |
| | DLT-37, qcw & pulsed mode driver for LEDs with TEC, adj.current/pulse/rep. rate | | | 426,30 | 453,74 |

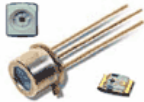
FIBER-COUPLED LEDs ↑

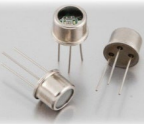
| FIBER-COUPLED LEDs single wavelength | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  <p>Fiber-Coupled LED, Single Wavelength available in the wavelength range from 375 to 1550 nm - compact size (head 64 x 46.5 x 30 mm) - adjustable output power - standard fiber: 600 µm, 0.22 NA - driver unit and power supply included optional available: analog or TTL modulation</p> | LED375-10F0, 375 nm, 10 mW, fiber core 600 µm, SMA connector | | | 545,50 | 580,61 |
| | LED405-8F0, 405 nm, 8 mW, fiber core 600 µm, SMA connector | | | 545,50 | 580,61 |
| | LED430-1F5, 405 nm, 1.5 mW, fiber core 600 µm, SMA connector | | | 818,30 | 870,97 |
| | LED460-8F0, 460 nm, 8 mW, fiber core 600 µm, SMA connector | | | 664,80 | 707,59 |
| | LED470-5F0, 470 nm, 5 mW, fiber core 600 µm, SMA connector | | | 716,00 | 762,08 |
| | LED500-3F0, 500 nm, 3 mW, fiber core 600 µm, SMA connector | | | 767,10 | 816,47 |
| | LED530-5F0, 530 nm, 5 mW, fiber core 600 µm, SMA connector | | | 767,10 | 816,47 |
| | LED565-3F0, 565 nm, 3 mW, fiber core 600 µm, SMA connector | | | 716,00 | 762,08 |
| | LED600-3F0, 600 nm, 3 mW, fiber core 600 µm, SMA connector | | | 767,10 | 816,47 |
| | LED620-6F0, 620 nm, 6 mW, fiber core 600 µm, SMA connector | | | 767,10 | 816,47 |
| | LED625-5F0, 620 nm, 5 mW, fiber core 600 µm, SMA connector | | | 767,10 | 816,47 |
| | LED660-5F0, 660 nm, 5 mW, fiber core 600 µm, SMA connector | | | 767,10 | 816,47 |
| | LED730-5F0, 730 nm, 5 mW, fiber core 600 µm, SMA connector | | | 784,20 | 834,67 |
| | LED808-5F0, 808 nm, 5 mW, fiber core 600 µm, SMA connector | | | 818,30 | 870,97 |
| | LED850-8F0, 850 nm, 8 mW, fiber core 600 µm, SMA connector | | | 869,40 | 925,36 |
| | LED880-1F0, 880 nm, 1 mW, fiber core 600 µm, SMA connector | | | 716,00 | 762,08 |
| | LED940-4F0, 940 nm, 4 mW, fiber core 600 µm, SMA connector | | | 716,00 | 762,08 |
| | LED1050-4F0, 1050 nm, 4 mW, fiber core 600 µm, SMA connector | | | 1.193,30 | 1.270,10 |

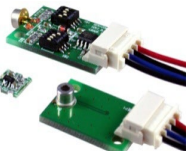
| FIBER-COUPLED LEDs multi wavelength | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  <p>Fiber-Coupled LED, Multi-Wavelength contains multiple wavelengths, as required, in the range from 375 to 1550 nm. - up to 12 different wavelengths - independent and adjustable output power - fiber core size: 400, 600, 800 or 1000 µm - one-box-solution, power supply included optional available: analog or TTL modulation</p> | LED-MULTI-F-4, multi-wavelength, 4 wavelengths, adjustable output, fiber-coupled, one-box | | | 3.579,90 | 3.810,31 |
| | LED-MULTI-F-12, multi-wavelength LED engine, light guide 1m, core 600µm, 12 wavelengths, adjustable output | | | | o.r. |

PHOTODIODES - UV




| UV PHOTODIODES GaN | Status | MOQ | EUR / pc | USD / pc |
|--|--------|--------|----------|----------|
|  <p>UV-photodiodes based on GaN, AlGaIn and InGaIn are intrinsic visible blind due to high bandgap material, extreme irradiation hardness</p> | | | | |
| UVC < 245 nm | | | | |
| GFUV-T10GD-L, far UVC, <245 nm, AlGaIn, 1.536 mm ² , TO-46, quartz glass | | | 28,13 | 29,94 |
| UVC 220 - 280 nm | | | | |
| GUVV-S10GD, 220-280 nm, AlGaIn, 0.076 mm ² , SMD 3535, metal, silicone resin, quartz glass | | | 6,75 | 7,18 |
| GUVV-T10GD, 220-280 nm, AlGaIn, 0.076 mm ² , TO-46, quartz glass, cathode case | | | 18,45 | 19,64 |
| GUVV-T11GD, 220-280 nm, AlGaIn, 0.076 mm ² , TO-46, quartz glass, anode case | | | 15,30 | 16,28 |
| GUVV-T10GD-L, 220-280 nm, AlGaIn, 1.536 mm ² , TO-46, quartz glass | | | 26,33 | 28,02 |
| GUVV-T20GD-U, 220-280 nm, AlGaIn, 6.894 mm ² , TO-39, quartz glass | | | 81,90 | 87,17 |
| UVC 220 - 280 nm LED Monitoring | | | | |
| GUVCL-S10GD, 230-320 nm, AlGaIn, 0.076 mm ² , SMD 3535, metal, silicone resin, quartz glass | | | 7,88 | 8,39 |
| GUVCL-T10GD, 230-320 nm, AlGaIn, 0.076 mm ² , TO-46, quartz glass | | | 20,25 | 21,55 |
| UVB 220 - 320 nm | | | | |
| GUVB-C21SD, 260-320 nm, AlGaIn, 0.076 mm ² , COB 2.4x1.8x1.0 mm | | | 3,60 | 3,83 |
| GUVB-S11SD, 240-320 nm, AlGaIn, 0.4 mm, SMD 3528, ceramic, silicone resin | | | 5,25 | 5,59 |
| GUVB-S31GD, 220-320 nm, AlGaIn, 0.076 mm ² , SMD 3535, metal, silicone resin, quartz glass | | | 6,75 | 7,18 |
| GUVB-C31SM, digital sensor, AlGaIn, 0.0162 mm ² , I2C, 2.6-3.6 V, silicone, COB 2.0x2.3x1.4 mm | EOL | | 5,40 | 5,75 |
| GUVB-T11GD, 220-320 nm, AlGaIn, 0.076 mm ² , TO-46, quartz glass | | | 16,20 | 17,24 |
| GUVB-T11GD-L, 220-320 nm, AlGaIn, 1.536 mm ² , TO-46, quartz glass | | | 25,43 | 27,07 |
| GUVB-T21GD-U, 220-320 nm, AlGaIn, 6.894 mm ² , TO-39, quartz glass | | | 66,90 | 71,21 |
| UVA 220 - 370 nm | | | | |
| GUVA-S12SD, 240-370 nm, GaN, 0.076 mm ² , SMD 3528, ceramic, silicone resin | | | 3,79 | 4,03 |
| GUVA-S12GD, 200-370 nm, GaN, 0.076 mm ² , SMD 3535, metal, silicone resin, quartz glass | | | 7,65 | 8,14 |
| GUVA-C22SD, 240-370 nm, GaN, 0.076 mm ² , COB 2418, Si encapsulant | | | 2,45 | 2,61 |
| GUVA-C32SM, digital sensor, GaN, 0.0162 mm ² , I2C, 2.6-3.6 V, silicone, COB 2.0x2.3x1.4 mm | EOL | | 4,95 | 5,27 |
| GUVA-T11GD, 220-370 nm, GaN, 0.076 mm ² , TO-46, quartz glass, cathode case | | | 11,48 | 12,22 |
| GUVA-T13GD, 220-370 nm, GaN, 0.076 mm ² , TO-46, quartz glass, anode case | | 5 pcs. | 11,47 | 12,21 |
| GUVA-T31GD, 220-370 nm, GaN, 0.076 mm ² , TO-46, quartz glass, 3-Pin | | 5 pcs. | 11,48 | 12,21 |
| GUVA-T11GD-L, 220-370 nm, GaN, 1.536 mm ² , TO-46, quartz glass | | | 18,00 | 19,16 |
| GUVA-T31GD-L, 220-370 nm, GaN, 1.536 mm ² , TO-46, quartz glass, 3-Pin, anode & cathode insulated | | | 18,68 | 19,88 |
| GUVA-T21GD-U, 220-370 nm, GaN, 6.894 mm ² , TO-39, quartz glass | | | 43,70 | 46,51 |
| UV Broadband 230 - 395 nm | | | | |
| GUVV-C20SD, 240-395 nm, InGaIn, 0.076 mm ² , COB 2.4x1.8x1.0 mm | | | 2,70 | 2,87 |
| GUVV-S10SD, 240-395 nm, InGaIn, 0.076 mm ² , SMD 3528, ceramic, silicone resin | | | 3,90 | 4,15 |
| GUVV-T10GD, 230-395 nm, InGaIn, 0.076 mm ² , TO-46, quartz glass | | | 15,30 | 16,28 |
| GUVV-T10GD-L, 230-395 nm, InGaIn, 1.536 mm ² , TO-46, quartz glass | | | 24,30 | 25,86 |
| GUVV-T20GD-U, 230-395 nm, InGaIn, 6.894 mm ² , TO-39, quartz glass | EOL | | 71,40 | 76,00 |
| UVB - VIS 295 - 510 nm | | | | |
| GVBL-S12SD, 345-450 nm, InGaIn, chip size 0.06 mm ² , SMD 3528, ceramic, silicone resin | | | 2,45 | 2,61 |
| GVBL-T12GD, 330-445 nm, InGaIn, chip size 0.065 mm ² , TO-46, quartz glass | | | 8,82 | 9,39 |
| GVBL-T14GD, 345-445 nm, InGaIn, chip size 0.065 mm ² , TO-46, quartz glass | | | 13,40 | 14,26 |
| GVGR-S11SD, 295-490 nm, InGaIn, chip size 0.0484 mm ² , SMD 3528, ceramic, silicone resin | | | 2,45 | 2,61 |
| GVGR-T10GD, 300-510 nm, InGaIn, 0.051 mm ² , TO-46, quartz glass | EOL | | 11,48 | 12,22 |
| GVGR-T11GD, 295-505 nm, InGaIn, 0.0484 mm ² , TO-46, quartz glass | | | 11,48 | 12,21 |


| UV PHOTODIODES GaN integrated TIA | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>UV-photodiode based on GaN, AlGaIn and InGaIn with integrated transimpedance amplifier for ultra low level UV radiation detection peak response: 280 nm, 320 nm, 370 nm, 395 nm</p> | | | | |
| GUVCL-T21GH, 230-320 nm, AlGaIn, 0.076 mm ² , integrated TI ampl., TO-5, quartz glass | | | 31,50 | 33,53 |
| GUVV-T21GH, 220-280 nm, AlGaIn, 0.076 mm ² , integrated TI ampl., TO-5, quartz glass | | | 28,20 | 30,02 |
| GUVB-T21GH, 220-320 nm, AlGaIn, 0.076 mm ² , integrated TI ampl., TO-5, quartz glass | | | 28,20 | 30,02 |
| GUVA-T21GH, 220-370 nm, GaN, 0.076 mm ² , integrated TI ampl., TO-5, quartz glass | | | 28,90 | 30,76 |
| GUVV-T21GH, 230-395 nm, InGaIn, 0.076 mm ² , integrated TI ampl., TO-5, quartz glass | | | 47,70 | 50,77 |


| UV SENSOR MODULES GaN | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>UV Sensor Modules based on GaN Single supply voltage 0-5VDC output voltage GUVV, GUVB series: AlGaIn based GUVA series: GaN based GUVV, GVBL, GVGR series: InGaIn based</p> | | | | |
| Analog Output | | | | |
| GUVV-S10SM-LA, sensor module, 240-395 nm, 0.076 mm ² , 0-5V output, silicone, SMD, 28x17x9 mm ³ | | | 56,07 | 59,68 |
| GUVA-T11GM-LA, sensor module, 220-280 nm, 0.076 mm ² , 0-5V output, TO-can, 28x17x9 mm ³ | | | 59,43 | 63,26 |
| GUVA-S12SM-LA, sensor module, 240-370 nm, 0.076 mm ² , 0-5V output, silicone, SMD, 28x17x9 mm ³ | | | 56,07 | 59,68 |
| GUVA-S12GM-LA, sensor module, 240-370 nm, 0.076 mm ² , 0-5V output, SMD, metal, 28x17x9 mm ³ | | | 56,07 | 59,68 |
| GUVB-T11GM-LA, sensor module, 220-320 nm, 0.076 mm ² , 0-5V output, TO-can, 28x17x9 mm ³ | | | 59,43 | 63,26 |


| | | |
|--|-------|--------|
| GUVB-S11SM-LA, sensor module, 240-320 nm, 0.076 mm ² , 0-5V output, silicone, SMD, 28x17x9 mm ³ | 56,07 | 59,68 |
| GUVV-T10GM-LA, sensor module, 220-280 nm, 0.076 mm ² , 0-5V output, TO-can, 28x17x9 mm ³ | 59,43 | 63,26 |
| GFUV-T10GM-LA-L, far UVC sensor module, 222 nm, 1.536 mm ² , TO-can, 28x17x9 mm ³ | 98,90 | 105,27 |
| Digital Output | | |
| GUVV-S10GM, digital sensor, 395 nm, 0.076 mm ² , 0-50 mW/cm ² , 10-bit, I2C, 3.0-3.6 V, 8-Pin, metal, 13x13x3 mm | 24,75 | 26,34 |
| GUVV-S12GM, digital sensor, 370 nm, 0.076 mm ² , 0-50 mW/cm ² , 10-bit, I2C, 3.0-3.6 V, 8-Pin, metal, 13x13x3 mm | 24,75 | 26,34 |
| GUVB-S31GM, digital sensor, 320 nm, 0.076 mm ² , 0-50 mW/cm ² , 10-bit, I2C, 3.0-3.6 V, 8-Pin, metal, 13x13x3 mm | 24,75 | 26,34 |
| GUVV-S10GM, digital sensor, 280 nm, 0.076 mm ² , 0-50 mW/cm ² , 10-bit, I2C, 3.0-3.6 V, 8-Pin, metal, 13x13x3 mm | 24,75 | 26,34 |
| For Arduino | | |
| GVGR-T10GM-AD, sensor module, 300-510 nm, 0.076 mm ² , Arduino, TO, 28x17x9 mm ³ | 59,43 | 63,26 |
| GVBL-T12GM-AD, sensor module, 320-445 nm, 0.076 mm ² , Arduino, TO, 28x17x9 mm ³ | 59,43 | 63,26 |
| GUVL-T10GM-AD, sensor module, 220-320 nm, 0.076 mm ² , Arduino, TO, 28x17x9 mm ³ | 59,43 | 63,26 |
| GUVV-T10GM-AD, sensor module, 230-395 nm, 0.076 mm ² , Arduino, TO, 28x17x9 mm ³ | 59,43 | 63,26 |
| GUVV-T11GM-AD, sensor module, 220-370 nm, 0.076 mm ² , Arduino, TO, 28x17x9 mm ³ | 59,43 | 63,26 |
| GUVB-T11GM-AD, sensor module, 220-320 nm, 0.076 mm ² , Arduino, TO, 28x17x9 mm ³ | 59,43 | 63,26 |
| GUVV-T10GM-AD, sensor module, 220-280 nm, 0.076 mm ² , Arduino, TO, 28x17x9 mm ³ | 59,43 | 63,26 |


| UV PHOTODIODES SIC | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>Silicon Carbide Photodiodes offering high visible blindness, low dark current, high speed, and low noise</p> <ul style="list-style-type: none"> - operating temp. range -55 ...170°C - visible blindness >10¹⁰ - UVA, -B, -C, and UV broadband version avail. - Erythem versions for measuring UV-index (UVI) available | | | | |
| UVC 230 - 285 nm | | | | |
| SIC01S-C18, UVC, 230-285 nm, peak 270 nm, Ø0.06 mm ² , TO-18 | | | 53,20 | 56,62 |
| SIC01S-C18D, UVC, 230-285 nm, peak 270 nm, Ø0.06 mm ² , TO-18, diffusor | | | 91,20 | 97,07 |
| SIC01S-C5, UVC, 230-285 nm, peak 270 nm, Ø0.06 mm ² , TO-5 | | | 60,80 | 64,71 |
| SIC01M-C18, UVC, 230-285 nm, peak 270 nm, Ø0.2 mm ² , TO-18 | | | 102,60 | 109,20 |
| SIC01M-C5, UVC, 230-285 nm, peak 270 nm, Ø0.2 mm ² , TO-5 | | | 110,20 | 117,29 |
| SIC01M-C5D, UVC, 230-285 nm, peak 270 nm, Ø0.2 mm ² , TO-5, diffusor | | | 131,10 | 139,54 |
| SIC01D-C18, UVC, 230-285 nm, peak 270 nm, Ø0.5 mm ² , TO-18 | | | 102,60 | 109,20 |
| SIC01D-C18D, UVC, 230-285 nm, peak 270 nm, Ø0.5 mm ² , TO-18, diffusor | | | 125,40 | 133,47 |
| SIC01D-C5D, UVC, 230-285 nm, peak 270 nm, Ø0.5 mm ² , TO-5, diffusor | | | 131,10 | 139,54 |
| SIC01D-C5LENS, UVC, 225-287 nm, peak 275 nm, Ø0.5 mm ² , TO-5, lens, flame detection (EN298) | | | 125,40 | 133,47 |
| SIC01L-C18, UVC, 230-285 nm, peak 270 nm, Ø1.0 mm ² , TO-18 | | | 180,50 | 192,12 |
| SIC01L-C18ISO90, UVC, 225-287 nm, peak 275 nm, Ø1.0 mm ² , TO-18, both pins isolated | | | 190,00 | 202,23 |
| SIC01L-C5, UVC, 230-285 nm, peak 270 nm, Ø1.0 mm ² , TO-5 | | | 180,50 | 192,12 |
| SIC01F-C5, UVC, 230-285 nm, peak 270 nm, Ø1.82 mm ² , TO-5 | | | 222,30 | 236,61 |
| SIC01L-C5ISO90, UVC, 225-287 nm, peak 275 nm, Ø1.0 mm ² , TO-5, both pins isolated | | | 190,00 | 202,23 |
| SIC01XL-C5, UVC, 230-285 nm, peak 270 nm, Ø7.6 mm ² , TO-5 | | | 550,80 | 586,25 |
| SIC01XL-C5ISO90, UV-broadband, 225-287 nm, peak 275 nm, Ø7.6 mm ² , TO-5, both pins isolated | | | 554,04 | 589,70 |
| UVB 230 - 315 nm | | | | |
| SIC01S-B18, UVB, 230-315 nm, peak 280 nm, Ø0.06 mm ² , TO-18 | | | 53,20 | 56,62 |
| SIC01M-B5, UVB, 230-315 nm, peak 280 nm, Ø0.2 mm ² , TO-5 | | | 110,20 | 117,29 |
| SIC01M-B18, UVB, 230-315 nm, peak 280 nm, Ø0.2 mm ² , TO-18 | | | 102,60 | 109,20 |
| SIC01D-BC18, UVB, 230-315 nm, peak 280 nm, Ø0.5 mm ² , TO-18 | | | 102,60 | 109,20 |
| SIC01L-B5, UVB, 230-315 nm, peak 280 nm, Ø1.0 mm ² , TO-5 | | | 180,50 | 192,12 |
| SIC01L-B18, UVB, 230-315 nm, peak 280 nm, Ø1.0 mm ² , TO-18 | | | 180,50 | 192,12 |
| SIC01L-B5ISO90, UVB, 231-309 nm, peak 280 nm, Ø1.0 mm ² , TO-5, both pins isolated | | | 190,00 | 202,23 |
| SIC01XL-B5, UVB, 230-315 nm, peak 280 nm, Ø7.6 mm ² , TO-5 | | | 550,80 | 586,25 |
| UVA 310 - 370 nm | | | | |
| SIC01S-A18, UVA, 310-370 nm, peak 335 nm, Ø0.06 mm ² , TO-18 | | | 53,20 | 56,62 |
| SIC01S-A5, UVA, 310-370 nm, peak 335 nm, Ø0.06 mm ² , TO-5 | | | 60,80 | 64,71 |
| SIC01M-A18, UVA, 310-370 nm, peak 335 nm, Ø0.2 mm ² , TO-18 | | | 102,60 | 109,20 |
| SIC01M-A5, UVA, 310-370 nm, peak 335 nm, Ø0.2 mm ² , TO-5 | | | 110,20 | 117,29 |
| SIC01D-A18, UVA, 310-370 nm, peak 335 nm, Ø0.5 mm ² , TO-18 | | | 102,60 | 109,20 |
| SIC01D-A18ISO90, UVA, 309-367 nm, peak 331 nm, Ø0.5 mm ² , TO-18, both pins isolated | | | 114,00 | 121,34 |
| SIC01D-A5, UVA, 310-370 nm, peak 335 nm, Ø0.5 mm ² , TO-5 | | | 110,20 | 117,29 |
| SIC01L-A18, UVA, 309-367 nm, peak 331 nm, Ø1.0 mm ² , TO-18 | | | 180,50 | 192,12 |
| SIC01L-A18ISO90, UVA, 309-367 nm, peak 331 nm, Ø1.0 mm ² , TO-18, both pins isolated | | | 190,00 | 202,23 |
| SIC01L-A5, UVA, 310-370 nm, peak 335 nm, Ø1.0 mm ² , TO-5 | | | 180,50 | 192,12 |
| SIC01XL-A5, UVA, 210-370 nm, peak 335 nm, Ø7.6 mm ² , TO-5 | | | 550,80 | 586,25 |
| UV Broadband 215 - 365 nm | | | | |
| SIC01S-18, UV-broadband, 215-365 nm, peak 285 nm, Ø0.06 mm ² , TO-18 | | | 25,00 | 26,61 |
| SIC01S-18S, UV-broadband, 215-365 nm, peak 285 nm, Ø0.06 mm ² , TO-18, low cap | | | 29,00 | 30,87 |
| SIC01S-18ISO90, UV-broadband, 215-365 nm, peak 285 nm, Ø0.06 mm ² , TO-18, both pins isolated | | | 41,80 | 44,49 |
| SIC01S-18D, UV-broadband, 215-365 nm, peak 285 nm, Ø0.06 mm ² , TO-18 | | | 57,00 | 60,67 |
| SIC01S-5, UV-broadband, 215-365 nm, peak 285 nm, Ø0.06 mm ² , TO-5 | | | 29,00 | 30,87 |
| SIC01S-5ISO90LENS, UV-broadband, 215-365 nm, peak 285 nm, Ø0.06 mm ² , lens | | | 62,70 | 66,74 |
| SIC01M-18, UV-broadband, 215-365 nm, peak 285 nm, Ø0.2 mm ² , TO-18 | | | 60,80 | 64,71 |
| SIC01M-18S, UV-broadband, 215-365 nm, peak 285 nm, Ø0.2 mm ² , TO-18, low cap | | | 64,60 | 68,76 |
| SIC01M-18ISO90, UV-broadband, 215-365 nm, peak 285 nm, Ø0.2 mm ² , TO-18, both pins isolated | | | 70,30 | 74,82 |
| SIC01M-5, UV-broadband, 215-365 nm, peak 285 nm, Ø0.2 mm ² , TO-5 | | | 64,60 | 68,76 |
| SIC01M-5LENS, UV-broadband, 220-360 nm, peak 288 nm, Ø0.2 mm ² , TO-5, flame detection (EN298) | | | 81,70 | 86,96 |
| SIC01D-18, UV-broadband, 215-365 nm, peak 285 nm, Ø0.5 mm ² , TO-18 | | | 60,80 | 64,71 |
| SIC01D-18ISO90, UV-broadband, 215-365 nm, peak 285 nm, Ø0.5 mm ² , TO-18, both pins isolated | | | 70,30 | 74,82 |
| SIC01D-18S, UV-broadband, 215-365 nm, peak 285 nm, Ø0.5 mm ² , TO-18, low cap | | | 64,60 | 68,76 |
| SIC01D-5, UV-broadband, 215-365 nm, peak 285 nm, Ø0.5 mm ² , TO-5 | | | 64,60 | 68,76 |
| SIC01D-5ISO90, UV-broadband, 215-365 nm, peak 285 nm, Ø0.5 mm ² , TO-5, both pins isolated | | | 70,30 | 74,82 |
| SIC01D-5LENS, UV-broadband, 220-360 nm, peak 288 nm, Ø0.5 mm ² , TO-5, flame detection (EN298) | | | 81,70 | 86,96 |
| SIC01L-18, UV-broadband, 210-380 nm, peak 285 nm, Ø1.0 mm ² , TO-18 | | | 136,80 | 145,60 |
| SIC01L-18S, UV-broadband, 210-380 nm, peak 285 nm, Ø1.0 mm ² , TO-18, low cap | | | 136,80 | 145,60 |

| | | |
|---|--------|--------|
| SIC01L-18ISO90, UV-broadband, 210-380 nm, peak 285 nm, Ø1.0 mm ² , TO-18, both pins isolated | 155,80 | 165,83 |
| SIC01L-5, UV-broadband, 210-380 nm, peak 285 nm, Ø1.0 mm ² , TO-5 | 136,80 | 145,60 |
| SIC01L-5ISO90, UV-broadband, 210-380 nm, peak 285 nm, Ø1.0 mm ² , TO-5, both pins isolated | 155,80 | 165,83 |
| SIC01L-5ISO90LENS, UV-broadband, 215-365 nm, peak 285 nm, Ø1.0 mm ² , TO-5, both pins isolated, lens | 180,50 | 192,12 |
| SIC01L-5LENS, UV-broadband, 220-360 nm, peak 288 nm, Ø1.0 mm ² , TO-5, flame detection (EN298) | 172,90 | 184,03 |
| SIC01F-18, UV-broadband, 215-365 nm, peak 285 nm, Ø1.82 mm ² , TO-18 | 180,50 | 192,12 |
| SIC01F-5, UV-broadband, 215-365 nm, peak 285 nm, Ø1.82 mm ² , TO-5 | 180,50 | 192,12 |
| SIC01F-5ISO90, UV-broadband, 215-365 nm, peak 285 nm, Ø1.82 mm ² , TO-5, both pins isolated | 180,50 | 192,12 |
| SIC01XL-5, UV-broadband, 215-365 nm, peak 285 nm, Ø7.6 mm ² , TO-5 | 502,20 | 534,52 |
| SIC01XL-5ISO90, UV-broadband, 215-365 nm, peak 285 nm, Ø7.6 mm ² , TO-5, both pins isolated | 502,20 | 534,52 |
| SIC01Q-5, UV-broadband, 215-365 nm, peak 285 nm, 4x 1.4 mm ² , TO-5 | 704,00 | 749,31 |
| UV-Index DIN5050, CIE087 | | |
| SIC01L-E5, Erythem, 2 nA/UVI, Ø1.0 mm ² , UV-Index (DIN5050/CIE087), TO-5 | 203,30 | 216,38 |

| UV PHOTODIODES SIC integrated TIA | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>Silicon Carbide pre-amplified UV photodetector</p> <ul style="list-style-type: none"> - integrated transimpedance amplifier - 0..5V stable output voltage - no external amplifier required - TO-5 metal can housing | | | | |
| UVC 230 - 285 nm | | | | |
| UV-TIAMO-C1, 225-287 nm, <180 nW/cm ² , chip size 0.5 mm ² , flat window | | | 189,75 | 201,96 |
| UV-TIAMO-BLC2, 225-287 nm, <180 nW/cm ² , chip size 0.5 mm ² , ball lens | | | 165,00 | 175,62 |
| UV-TIAMO-BLC3, 225-287 nm, <1.8 µW/cm ² , chip size 0.5 mm ² , ball lens | | | 165,00 | 175,62 |
| UV-TIAMO-C4, 225-287 nm, <18 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor | | | 165,00 | 175,62 |
| UV-TIAMO-C5, 225-287 nm, <180 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor | | | 165,00 | 175,62 |
| UV-TIAMO-C6, 225-287 nm, <1.8 mW/cm ² , chip size 0.5 mm ² , flat window with diffusor | | | 165,00 | 175,62 |
| UV-TIAMO-C7, 225-287 nm, <18 mW/cm ² , chip size 0.5 mm ² , flat window with attenuator | | | 165,00 | 175,62 |
| UV-TIAMO-C8, 225-287 nm, <180 mW/cm ² , chip size 0.5 mm ² , flat window with attenuator | | | 165,00 | 175,62 |
| UV-TIAMO-C9, 225-287 nm, <1.8 W/cm ² , chip size 0.5 mm ² , flat window with attenuator | | | 165,00 | 175,62 |
| UVB 243 - 303 nm | | | | |
| UV-TIAMO-B4, 243-303 nm, <7.5 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor | | | 165,00 | 175,62 |
| UV-TIAMO-B5, 243-303 nm, <75 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor | | | 165,00 | 175,62 |
| UV-TIAMO-B6, 243-303 nm, <0.75 mW/cm ² , chip size 0.5 mm ² , flat window with diffusor | | | 165,00 | 175,62 |
| UVA 310 - 370 nm | | | | |
| UV-TIAMO-BLA, 309-367 nm, <18 µW/cm ² , chip size 0.5 mm ² , ball lens | | | 165,00 | 175,62 |
| UV-TIAMO-A5, 309-367 nm, <180 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor | | | 165,00 | 175,62 |
| UV-TIAMO-A6, 309-367 nm, <1.8 mW/cm ² , chip size 0.5 mm ² , flat window with diffusor | | | 165,00 | 175,62 |
| UV-TIAMO-A7, 309-367 nm, <18 mW/cm ² , chip size 0.5 mm ² , flat window with attenuator | | | 165,00 | 175,62 |
| UV-TIAMO-A8, 309-367 nm, <180 mW/cm ² , chip size 0.5 mm ² , flat window with attenuator | | | 165,00 | 175,62 |
| UV-TIAMO-A9, 309-367 nm, <1.0 W/cm ² , chip size 0.5 mm ² , flat window with attenuator | | | 165,00 | 175,62 |
| UV Broadband 215 - 365 nm | | | | |
| UV-TIAMO-BL, 221-358 nm, <18 nW/cm ² , chip size 0.5 mm ² , ball lens, flame detection | | | 165,00 | 175,62 |
| UV-TIAMO-BL2, 221-358 nm, <180 nW/cm ² , chip size 0.5 mm ² , ball lens | | | 151,80 | 161,57 |
| UV-TIAMO-S3, 227-360 nm, <1, 8 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor | | | 151,80 | 161,57 |
| UV-TIAMO, 227-360 nm, <18 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor | | | 151,80 | 161,57 |
| UV-TIAMO-S5, 227-360 nm, <180 µW/cm ² , chip size 0.5 mm ² , flat window with diffusor | | | 151,80 | 161,57 |
| UV-TIAMO-S6, 227-360 nm, <1.8 mW/cm ² , chip size 0.5 mm ² , flat window with diffusor | | | 151,80 | 161,57 |
| UV-TIAMO-S7, 227-360 nm, <18 mW/cm ² , chip size 0.5 mm ² , flat window with attenuator | | | 151,80 | 161,57 |
| UV-TIAMO-M8, 227-360 nm, <180 mW/cm ² , chip size 0.5 mm ² , flat window with attenuator | | | 151,80 | 161,57 |
| UV-TIAMO-M9, 227-360 nm, <1.8 W/cm ² , chip size 0.5 mm ² , flat window with attenuator | | | 165,00 | 175,62 |
| UV-TIAMO-M10, 227-360 nm, <18 W/cm ² , chip size 0.5 mm ² , flat window with attenuator | | | 165,00 | 175,62 |
| UV-Index DIN5050, CIE087 | | | | |
| UV-TIAMO-E1, 300-400 nm, <3 UVI, flat window, UV-Index (CIE087) | | | 165,00 | 175,62 |
| UV-TIAMO-E2, 300-400 nm, <30 UVI, flat window, UV-Index (CIE087) | | | 165,00 | 175,62 |


| UV-TIAMO housing options | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>optional housings for UV-TIAMO Series</p> <p>material: stainless steel or PTFE</p> <p>waterproof: IP68 or pressure proof <10 bar</p> | | | | |
| UV-TIAMO HS5, stainless steel M12x1 thread body, binder 5-pin plug, 2m cable, 2.5-5 VDC | | | 141,10 | 150,18 |
| UV-TIAMO HS24, stainless steel M12x1 thread body, binder 4-pin plug, 2m cable, 7-24 VDC | | | 141,10 | 150,18 |
| UV-TIAMO HWS24, stainless steel G1/4" thread body, water pressure proof, <10bar, binder 5-pin plug, 2m cable, 7-24V | | | 141,00 | 150,08 |
| UV-TIAMO HP5, PTFE M12x1 thread body, IP68, binder 5-pin plug, 2m cable, 2.5-5 VDC | | | 141,10 | 150,18 |
| UV-TIAMO HP24, PTFE M12x1 thread body, IP68, binder 4-pin plug, 2m cable, 7-24 VDC | | | 141,10 | 150,18 |
| UV-TIAMO HWP5, PTFE G1/4" thread body, water pressure proof, <10bar, binder 5-pin plug, 2m cable, 2.5-5V | | | 141,10 | 150,18 |
| UV-TIAMO HWP24, PTFE G1/4" thread body, water pressure proof, <10bar, binder 5-pin plug, 2m cable, 7-24V | | | 141,10 | 150,18 |


| UV-TIAMO starter kit | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>starter kit for UV-TIAMO Series</p> | | | | |
| UV-TIAMO SKIT, starter kit, connector socket, 9 V block battery plug, 2 banana plugs | | | 27,75 | 29,54 |

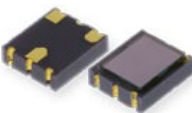
| UV PHOTODIODES GaP | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>UV-photodiodes based on GaP</p> | | | | |
| EPD-280-0-0.3-1, 220-380 nm, active area 0.056 mm ² , TO-46 | | | 89,00 | 94,73 |
| EPD-365-0/2.5-3, 245-405 nm, active area 4.8 mm ² , UG11filter, TO-39 | | | 140,46 | 149,50 |

PHOTODIODES - VIS



| VIS PHOTODIODES Silicon | Status | MOQ | EUR / pc | USD / pc |
|---|--------|----------|----------|----------|
|  <p>Silicon PIN photodiodes featuring excellent responsivity and high photocurrent Range of Sensivity: 400-1100 nm, peak @ 900 nm Different packages: TO-46, TO-39, 3 mm, 5 mm, SMD RoHS compliant</p> | | | | |
| SPD19-33, active area 0.43x0.43 mm, 900 nm peak, Id 12 nA, angle 50°, 3 mm epoxy package | | | 1,52 | 1,62 |
| SPD19-C, active area 0.44x0.44 mm, 900 nm peak, Id 6 nA, angle 80°, SMD 3.0x2.0x1.1 mm | | | 2,52 | 2,68 |
| SPD19-CT, active area 0.44x0.44 mm, 900 nm peak, Id 6 nA, angle 80°, SMD 3.5x2.7x1.8 mm | | 50 pcs. | 2,28 | 2,43 |
| SPD64-02, active area 0.81x0.81 mm, 900 nm peak, Id 20 nA, angle 28°, 5 mm epoxy package | | | 2,16 | 2,30 |
| SPD64-04, active area 0.81x0.81 mm, 900 nm peak, Id 14 nA, angle 90°, 5 mm epoxy package | | | 1,58 | 1,68 |
| SPD64-04B, active area 0.81x0.81 mm, 900 nm peak, Id 14 nA, angle 28°, filter, 5 mm epoxy package | EOL | | 1,77 | 1,88 |
| SPD64-05, active area 0.8 x 0.8 mm ² , 5 mm epoxy, ±40° | | 500 pcs. | 2,03 | 2,16 |
| SPD17-0F, active area 1.25x1.25 mm, 900 nm peak, Id 25 nA, angle 110°, epoxy resin, TO-46 | | | 5,95 | 6,33 |
| SPD400-0F, active area 2.0x2.0 mm, 900 nm peak, Id 50 nA, angle 120°, epoxy resin, TO-46 | | | 6,12 | 6,51 |

| VIS PHOTODIODES Silicon integrated TIA | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>PIN silicon photodiodes with low noise JFET TI amplifier, integrated feedback resistor and capacitor, hermetical TO-5 package with collimating glass lens, very low offset and drift parameters, dual supply voltage +/-5 V up to +/-18V, operating temperature: -25° .. +85 °C, RoHS and WEEE conformity</p> | | | | |
| IQ800L, active area 4.8 mm ² , transimpedance 100 MOhm, 35 us, 10 kHz, ±50 degree | | | 79,80 | 84,94 |
| IQ801L, active area 4.8 mm ² , transimpedance 10 MOhm, 15 us, 25 kHz, ±50 degree | | | 79,80 | 84,94 |
| IQ802L, active area 4.8 mm ² , transimpedance 1 MOhm, 3 us, 120 kHz, ±50 degree | | | 79,80 | 84,94 |


| VIS AVALANCHE PHOTODIODES Silicon | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>Silicon Avalanche Photodiode for Range Finding Application, LIDAR - small package: 3.8x3.8x1.3 mm² - high gain at low bias - fast response time, low noise - 905 nm narrowband filter available packages: LCC, TO-52 can</p> | | | | |
| APD230-SMD, active area Ø0.23 mm, tr/ff 0.2 5ns, 1.5 pF, 3030 SMD package | | | 19,80 | 21,07 |
| APD500-LCC, active area Ø0.5 mm, tr/ff 0.6 ns, 1.2 pF, LCC6 package | | | 24,30 | 25,86 |
| APD500-TO52, active area Ø0.5 mm, tr/ff 0.6 ns, 1.2 pF, TO-52 package | | | 33,10 | 35,23 |
| APD500-TO52F, active area Ø0.5 mm, tr/ff 0.6 ns, 1.2 pF, TO-52 package | | | 39,00 | 41,51 |


| VIS PHOTO TRANSISTOR Silicon | Status | MOQ | EUR / pc | USD / pc |
|---|--------|----------|----------|----------|
| SPT36-05, chip size 0.8 x 0.8 mm ² , 5 mm epoxy, flat, photo current typ. 4 mA, ±40° | | | 2,65 | 2,82 |
| SPT36-33, chip size 0.8 x 0.8 mm ² , 3 mm epoxy, photo current typ. 7 mA, ±25° | | | 2,65 | 2,82 |
| SPT64-05, active area 0.8 x 0.8 mm ² , 5 mm epoxy, ±40° | | 500 pcs. | 2,28 | 2,43 |
| SPT64-33, active area 0.8 x 0.8 mm ² , 3 mm epoxy, photo current typ. 10 mA, ±25° | | 500 pcs. | 2,03 | 2,16 |


| VIS SELECTIVE PHOTODIODES Silicon | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>wavelength selective photodiodes based on GaP, no interference filter or color glass filter used, photodiodes are intrinsic wavelength selective</p> | | | | |
| BLUE | | | | |
| EPD-470-3-0.5, 385-565 nm, active area 0.17 mm ² , 3 mm epoxy | | | 12,90 | 13,73 |
| EPD-470-5-0.5, 385-565 nm, active area 0.17 mm ² , 5 mm epoxy | | | 12,90 | 13,73 |
| GREEN | | | | |
| EPD-525-5-0.5, 410-580 nm, active area 0.17 mm ² , 5 mm epoxy | | | 4,50 | 4,79 |
| EPD-525-1-0.9, 410-580 nm, active area 0.62 mm ² , SMD 1206 | | | 7,00 | 7,45 |
| RED | | | | |
| EPD-660-3-0.9, 605-705 nm, active area 0.62 mm ² , 3 mm epoxy | | | 12,51 | 13,32 |
| EPD-660-1-0.9, 605-705 nm, active area 0.62 mm ² , SMD 1206 | | | 28,10 | 29,91 |
| IR | | | | |
| EPD-880-5-0.5, 800-960 nm, active area 0.17 mm ² , 5 mm epoxy | | | 7,00 | 7,45 |
| EPD-880-5-0.9, 800-960 nm, active area 0.62 mm ² , 5 mm epoxy | | | 7,00 | 7,45 |
| EPD-880-1-0.9, 800-960 nm, active area 0.62 mm ² , SMD 1206 | | | 7,00 | 7,45 |
| EPD-1300-3-0.2, 800-1750 nm, active area 0.032 mm ² , 3 mm epoxy | | | 18,90 | 20,12 |

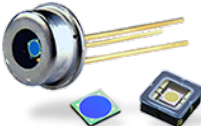
PHOTODIODES - IR

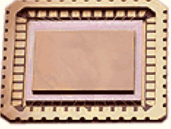


| IR PHOTODIODES GaAs integrated TIA | | Status | MOQ | EUR / pc | USD / pc |
|--|---|--------|-----|----------|----------|
|  <p>GaAs PIN photodiodes with integrated TIA amplifier</p> <ul style="list-style-type: none"> - 2.5 Gbps data rates - ball lens or flat window - TO-46 package | PD850-27TB-AMP, GaAs PIN PD, chip size 0.27x0.27 mm, 850 nm peak, 2.5 Gbps, TIA, TO-46, ball lens | | | 8,80 | 9,37 |
| | PD850-27TF-AMP, GaAs PIN PD, chip size 0.27x0.27 mm, 850 nm peak, 2.5 Gbps, TIA, TO-46, flat window | | | 8,80 | 9,37 |


| IR PHOTODIODES InGaAs | | Status | MOQ | EUR / pc | USD / pc |
|--|--|--------|-----|----------|----------|
|  <p>InGaAs, GaAs and InAsP photodiodes diverse packages chip die available on request</p> | 900 - 1700 nm | | | | |
| | IPD1450-038-SMT, 1450 nm peak, chip size 0.38x0.38 mm, Id <1 nA, angle 116°, SMD, 3.5x2.7x1.8 mm | | | 7,16 | 7,62 |
| | IPD1450-038-5T, 1450 nm peak, chip size 0.38x0.38 mm, Id <1 nA, angle 58°, TO-18, flat window | | | 20,85 | 22,19 |
| | PT5113, InGaAs PIN, 0.9 - 1.7 µm, Ø300 µm, >6 dBm, TO-46, flat window | | | 15,70 | 16,71 |
| | LAPD-05-06-17-TO46, InGaAs PIN, 0.6 - 1.7 µm, aperture size Ø455 µm, TO-46 | | | 33,26 | 35,40 |
| | LAPD-05-09-17-TO46, InGaAs PIN, 0.9 - 1.7 µm, aperture size Ø455 µm, TO-46 | | | 25,19 | 26,81 |
| | LAPD-1-09-17-TO46, InGaAs PIN, 0.9 - 1.7 µm, aperture size Ø0.95 mm, TO-46 | | | 46,00 | 48,96 |
| | LAPD-1-09-17-TO46-T5P, InGaAs PIN, 0.9 - 1.7 µm, aperture size Ø0.95 mm, TEC, 5-pin, TO-46 | | | o.r. | o.r. |
| | LAPD-1-09-17-LCC, InGaAs PIN, 0.9 - 1.7 µm, aperture size Ø0.95 mm, 6CLCC | | | 46,00 | 48,96 |
| | IPD1450-200-SMB, 1550 nm peak, active area 2x2 mm, Id <5 nA, angle 124°, SMD, 5.0x5.2x1.0 mm | | | 57,96 | 61,69 |
| | LAPD-2-09-17-TO39, InGaAs PIN, 0.9 - 1.7 µm, aperture size Ø1.85 mm, TO-39 | | | 152,25 | 162,05 |
| | LAPD-2-09-17-TO39-T8P, InGaAs PIN, 0.9 - 1.7 µm, aperture size Ø1.85 mm, TEC, TO-39, 8-Pin | | | o.r. | o.r. |
| | LAPD-2-09-17-LCC, InGaAs, 0.9 - 1.7 µm, aperture size Ø1.85 mm, 8LCC | | | 152,25 | 162,05 |
| | PT711, InGaAs PIN, 1.0 - 1.65 µm, Ø2 mm area, 10 dBm, TO-5, flat window | EOL | | 245,00 | 260,77 |
| | LAPD-3-09-17-TO39, InGaAs PIN, 0.9 - 1.7 µm, aperture size Ø3 mm, TO-39 | | | 425,00 | 452,35 |
| | LAPD-3-09-17-LCC, InGaAs, 0.9 - 1.7 µm, aperture size Ø3 mm, 8CLCC | | | 425,00 | 452,35 |
| 600 - 1700 nm | | | | | |
| | PT421, InGaAs PIN, 0.5 - 1.65 µm, Ø75 µm, 10 dBm, TO-46, flat window | EOL | | 22,90 | 24,37 |
| | LAPD-1-06-17-TO46, InGaAs PIN, 0.6 - 1.7 µm, aperture size Ø0.95 mm, TO-46 | | | 59,90 | 63,76 |
| | LAPD-1-06-17-LCC, InGaAs PIN, 0.6 - 1.7 µm, aperture size Ø0.95 mm, 6CLCC | | | 59,90 | 63,76 |
| | LAPD-2-06-17-TO39, InGaAs PIN, 0.6 - 1.7 µm, aperture size Ø1.85 mm, TO-39 | | | 223,13 | 237,49 |
| | LAPD-2-06-17-LCC, InGaAs PIN, 0.6 - 1.7 µm, aperture size Ø1.85 mm, 8CLCC | | | 223,13 | 237,49 |
| 1200 - 2200 nm | | | | | |
| | LAPD-1-12-22-TO46, InGaAs PIN, 1.2 - 2.2 µm, aperture size Ø0.95 mm, TO-46 | | | 182,70 | 194,46 |
| | LAPD-1-12-22-TO46-T5P, InGaAs PIN, 1.2 - 2.2 µm, aperture size Ø0.95 mm, TEC, TO-46, 3-Pin | | | o.r. | o.r. |
| | LAPD-2-12-22-TO39, InGaAs PIN, 1.2 - 2.2 µm, aperture size Ø1.85 mm, TO-39 | | | 539,40 | 574,12 |
| | LAPD-2-12-22-TO39-T8P, InGaAs PIN, 1.2 - 2.2 µm, aperture size Ø1.85 mm, TEC, TO-39, 8-Pin | | | o.r. | o.r. |

| IR PIGTAILED PHOTODIODES InGaAs | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|--------|----------|----------|
|  <p>pigtailed InGaAs photodiodes diverse packages and connectors available</p> | IR PIGTAILED PHOTODIODES InGaAs | | | | |
| | FCPD-55-C9, InGaAs, 0.85 - 1.7 µm, sensitive area 55 µm, 9 µm SM fiber, FC/PC, coaxial package | | | 48,00 | 51,09 |
| | FCPD-55-C9-APC, InGaAs, 0.85 - 1.7 µm, sensitive area 55 µm, 9 µm SM fiber, FC/APC, coaxial package | | | 45,90 | 48,85 |
| | FCPD-55-FC, InGaAs, 0.85 - 1.7 µm, sensitive area 55 µm, receptacle package, FC connector, without fiber | | 5 pcs. | 53,20 | 56,62 |
| | FCPD-80-C9, InGaAs, 0.85 - 1.7 µm, sensitive area 80 µm, 9 µm SM fiber, FC/PC, coaxial package | | | 51,20 | 54,50 |
| | FCPD-80-FC, InGaAs, 0.85 - 1.7 µm, sensitive area 80 µm, FC connector, receptacle package | | | 58,80 | 62,58 |
| | FCPD-300-C9, InGaAs, 0.85 - 1.7 µm, sensitive area 300 µm, 9 µm SM fiber, FC/PC, coaxial package | | | 59,80 | 63,65 |
| | FCPD-300-FC, InGaAs, 0.85 - 1.7 µm, sensitive area 300 µm, FC connector, receptacle package | | | 59,50 | 63,33 |
| | FCPD-1000-C9, InGaAs, 0.85 - 1.7 µm, sensitive area 1 mm, 9 µm SM fiber, FC/PC, coaxial package | | 5 pcs. | 181,30 | 192,97 |
| | FCPD-1000-FC, InGaAs, 0.85 - 1.7 µm, sensitive area 1 mm, FC receptacle | | | 96,60 | 102,82 |
| | FCPD-2000-C9, InGaAs, 0.85 - 1.7 µm, sensitive area 2 mm, 9 µm SM fiber, FC/PC, coaxial package | | 5 pcs. | 294,60 | 313,56 |
| | FCPD-3000-C9, InGaAs, 0.85 - 1.7 µm, sensitive area 3 mm, 9 µm SM fiber, FC/PC, coaxial package | | 5 pcs. | 588,00 | 625,84 |


| IR AVALANCHE PHOTODIODES InGaAs | | Status | MOQ | EUR / pc | USD / pc |
|--|---|--------|-----|----------|----------|
|  <p>InGaAs Avalanche Photodiode for Range Finding Application, LIDAR, Spectral Analysis, Communication, ...</p> <ul style="list-style-type: none"> - high sensitivity at 0.95 - 1.65 µm - low leakage current and noise - ≥700 MHz 3dB Bandwidth - Low Stray Absorption <p>available packages: chip die, LCC, TO-46 can</p> | IR AVALANCHE PHOTODIODES InGaAs | | | | |
| | APD200-CHIP, 0.95 - 1.65 µm, aperture size Ø200 µm, 2.5 pF, Chip Die | | | 84,00 | 89,41 |
| | APD200-LCC, 0.95 - 1.65 µm, aperture size Ø200 µm, 2.5 pF, 6CLCC | | | 130,00 | 138,37 |
| | APD200-TO46, 0.95 - 1.65 µm, aperture size Ø200 µm, 2.5 pF, TO-46 | | | 130,00 | 138,37 |
| | APD200-TO46TEC, 0.95 - 1.65 µm, aperture size Ø200 µm, 2.5 pF, TEC, TO-46 | | | 299,00 | 318,24 |


| IR FOCAL PLANE ARRAYS InGaAs | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|-----------|-----------|
|  | two-dimensional InGaAs array 320 x 256 pixels, high sensitivity in the near infrared, extremely low noise, high dynamic range, room temperature operation, wavelength range 900 - 1700 nm, pixel width: 30 µm, responsivity 0.8 A/W, quantum efficiency >70% | | | | |
| FPA320X256-980, InGaAs, 320x256, 10 MHz, 0.9-1.7 µm, LCC, ARC wind., 98%, oper. | | | | 6.117,00 | 6.510,70 |
| FPA320X256-990, InGaAs, 320x256, 10 MHz, 0.9-1.7 µm, LCC, ARC wind., 99%, oper. | | | | 8.667,00 | 9.224,83 |
| FPA320X256-999, InGaAs, 320x256, 10 MHz, 0.9-1.7 µm, LCC, ARC wind., 99.9%, oper. | | | | 9.177,00 | 9.767,65 |
| FPA320X256-100, InGaAs, 320x256, 10 MHz, 0.9-1.7 µm, LCC, ARC wind., >99.95%, oper. | | | | 10.196,00 | 10.852,23 |


PHOTODIODES - MID-IR ↑

| MID-IR PHOTODIODES 1.0 - 4.9 µm | | Status | MOQ | EUR / pc | USD / pc |
|--|---|--------|---------|----------|----------|
|  | Standard Mid-IR PDs - wavelength range: 1 - 5 µm - sensitive areas: 0.3, 0.5 or 1.0 mm options: parabolic reflector (R), window (W), thermoelectric cooler and thermoresistor (T), narrow spectrum (NS) package: TO-18, TO-5, TO-8 | | | | |
| 1.0 - 2.5 µm | | | | | |
| PD24-03SMD3020, 1.1-2.43 µm, 0.3 mm, 0.9-1.1 A/W, 30-60 µA, SMD 3x2 mm | | | 10 pcs. | 55,50 | 59,07 |
| PD24-03, 1.1-2.43 µm, 0.3 mm, 0.9-1.1 A/W, 30-60 µA, TO-18 | | | | 83,25 | 88,61 |
| PD24-03R, 1.1-2.43 µm, 0.3 mm, 0.9-1.1 A/W, 30-60 µA, TO-18, reflector | | | | 94,35 | 100,42 |
| PD24-03RW, 1.1-2.43 µm, 0.3 mm, 0.9-1.1 A/W, 30-60 µA, TO-18, reflector, window | | | | 116,55 | 124,05 |
| PD24-03TW, 1.1-2.43 µm, 0.3 mm, 0.9-1.1 A/W, 30-60 µA, TO-5, TEC, window | | | | 250,25 | 266,36 |
| PD24-03TRW, 1.1-2.43 µm, 0.3 mm, 0.9-1.1 A/W, 30-60 µA, TO-5, TEC, reflector, window | | | | 269,50 | 286,85 |
| PD25-10, 1.0-2.5 µm, 1 mm, 1.0-1.1 A/W, 15-22 µA, TO-18 | | EOL | | 291,90 | 310,69 |
| 1.8 - 3.8 µm | | | | | |
| PD36-03SMD3020, 1.8-3.8 µm, 0.3 mm, 0.7-0.8 A/W, 150-600 µA, SMD 3x2 mm | | | 10 pcs. | 49,95 | 53,16 |
| PD36-03, 1.8-3.8 µm, 0.3 mm, 0.7-0.8 A/W, 150-600 µA, TO-18 | | | | 74,00 | 78,76 |
| PD36-03R, 1.8-3.8 µm, 0.3 mm, 0.7-0.8 A/W, 150-600 µA, TO-18, reflector | | | | 85,10 | 90,58 |
| PD36-03RW, 1.8-3.8 µm, 0.3 mm, 0.7-0.8 A/W, 150-600 µA, TO-18, reflector, window | | | | 107,30 | 114,21 |
| PD36-03CH, 2.0-3.8 µm, 0.3 mm, 250-300 pF, 80-300 µA, TO-18, glass cover | | | | 88,80 | 94,52 |
| PD36-03TW, 1.8-3.8 µm, 0.3 mm, 0.7-0.8 A/W, 150-600 µA, TO-5, TEC, window | | | | 241,00 | 256,51 |
| PD36-03TRW, 1.8-3.8 µm, 0.3 mm, 0.7-0.8 A/W, 150-600 µA, TO-5, TEC, reflector, window | | | | 260,75 | 277,53 |
| PD36-05SMD3020, 1.8-3.8 µm, 0.5 mm, 1.0-1.2 A/W, 300-1000 µA, SMD 3.0x2.0 mm | | | 10 pcs. | 77,70 | 82,70 |
| PD36-05, 1.8-3.8 µm, 0.5 mm, 1.0-1.2 A/W, 300-1000 µA, TO-18 | | | | 118,40 | 126,02 |
| PD36-05R, 1.8-3.8 µm, 0.5 mm, 1.0-1.2 A/W, 300-1000 µA, TO-18, reflector | | | | 129,50 | 137,83 |
| PD36-05RW, 1.8-3.8 µm, 0.5 mm, 1.0-1.2 A/W, 300-1000 µA, TO-18, reflector, window | | | | 151,70 | 161,46 |
| PD36-05CH, 2.0-3.6 µm, 0.5 mm, 600-1100 pF, 120-1000 µA, TO-18, glass cover | | | | 133,20 | 141,77 |
| PD36-05TW, 1.8-3.8 µm, 0.5 mm, 1.0-1.2 A/W, 300-1000 µA, TO-5, TEC, window | | | | 283,50 | 301,75 |
| PD36-05TRW, 1.8-3.8 µm, 0.5 mm, 1.0-1.2 A/W, 300-1000 µA, TO-5, TEC, reflector, window | | | | 302,75 | 322,24 |
| 2.3 - 4.1 µm | | | | | |
| PD40-05SMD3020, 2.3-4.1 µm, 0.5 mm, 1.2 A/W, 1.2 mA, SMD 3.0x2.0 mm | | | 10 pcs. | 85,10 | 90,58 |
| PD40-05, 2.3-4.1 µm, 0.5 mm, 1.2 A/W, 1.2 mA, TO-18 | | | | 140,60 | 149,65 |
| PD40-05R, 2.3-4.1 µm, 0.5 mm, 1.2 A/W, 1.2 mA, TO-18, reflector | | | | 151,70 | 161,46 |
| PD40-05RW, 2.3-4.1 µm, 0.5 mm, 1.2 A/W, 1.2 mA, TO-18, reflector, window | | | | 173,90 | 185,09 |
| PD40-05CH, 2.3-4.1 µm, 0.5 mm, 1.2 mA, TO-18, glass cover | | | | 155,40 | 165,40 |
| PD40-05TW, 2.3-4.1 µm, 0.5 mm, 1.2 A/W, 1.2 mA, TO-5, TEC, window | | | | 304,50 | 324,10 |
| PD40-05TRW, 2.3-4.1 µm, 0.5 mm, 1.2 A/W, 1.2 mA, TO-5, TEC, reflector, window | | | | 323,75 | 344,59 |
| 2.8 - 4.1 µm | | | | | |
| PD41-03SMD3020, 2.8-4.1 µm, 0.3 mm, 0.7-0.8 A/W, 5-6 mA, SMD 3x2 mm | | | 10 pcs. | 53,65 | 57,10 |
| PD41-03, 2.8-4.1 µm, 0.3 mm, 0.7-0.8 A/W, 5-6 mA, TO-18 | | | | 83,25 | 88,61 |
| PD41-03R, 2.8-4.1 µm, 0.3 mm, 0.7-0.8 A/W, 5-6 mA, TO-18, reflector | | | | 94,35 | 100,42 |
| PD41-03RW, 2.8-4.1 µm, 0.3 mm, 0.7-0.8 A/W, 5-6 mA, TO-18, reflector, window | | | | 116,55 | 124,05 |
| PD41-03TW, 2.8-4.1 µm, 0.3 mm, 0.7-0.8 A/W, 5-6 mA, TO-5, TEC, window | | | | 250,25 | 266,36 |
| PD41-03TRW, 2.8-4.1 µm, 0.3 mm, 0.7-0.8 A/W, 5-6 mA, TO-5, TEC, reflector, window | | | | 269,50 | 286,85 |
| PD41-05SMD3020, 2.8-4.1 µm, 0.5 mm, 1.1-1.2 A/W, 6.5-8.0 mA, SMD 3.8x3.8 mm | | | | 151,20 | 160,93 |
| PD41-05, 2.8-4.1 µm, 0.5 mm, 1.1-1.2 A/W, 6.5-8.0 mA, TO-18 | | | | 140,60 | 149,65 |
| PD41-05R, 2.8-4.1 µm, 0.5 mm, 1.1-1.2 A/W, 6.5-8.0 mA, TO-18, reflector | | | | 151,70 | 161,46 |
| PD41-05RW, 2.8-4.1 µm, 0.5 mm, 1.1-1.2 A/W, 6.5-8.0 mA, TO-18, reflector, window | | | | 173,90 | 185,09 |
| PD41-05TW, 2.8-4.1 µm, 0.5 mm, 1.1-1.2 A/W, 6.5-8.0 mA, TO-5, TEC, window | | | | 304,50 | 324,10 |
| PD41-05TRW, 2.8-4.1 µm, 0.5 mm, 1.1-1.2 A/W, 6.5-8.0 mA, TO-5, TEC, reflector, window | | | | 323,75 | 344,59 |
| 3.0 - 3.2 µm | | | | | |
| IR-PD 3.0, 3.0-3.2 µm, 0.2 A/W, InAs, TO-39 with 3.5 mm immersion lens | | | | 210,83 | 224,40 |


| | | | |
|---|---------|--------|--------|
| 3.7 - 4.6 μm | | | |
| PD43-03SMD3020, 3.7-4.6 μm , 0.3 mm, 1.6-2.0 A/W, 4-6 mA, SMD 3x2 mm | 10 pcs. | 53,65 | 57,10 |
| PD43-03, 3.7-4.6 μm , 0.3 mm, 1.6-2.0 A/W, 4-6 mA, TO-18 | | 83,25 | 88,61 |
| PD43-03R, 3.7-4.6 μm , 0.3 mm, 1.6-2.0 A/W, 4-6 mA, TO-18, reflector | | 94,35 | 100,42 |
| PD43-03RW, 3.7-4.6 μm , 0.3 mm, 1.6-2.0 A/W, 4-6 mA, TO-18, reflector, window | | 116,55 | 124,05 |
| PD43-03CH, 3.6-4.6 μm , 0.3 mm, 4-6 mA, TO-18, glass cover | | 98,05 | 104,36 |
| PD43-03TW, 3.7-4.6 μm , 0.3 mm, 1.6-2.0 A/W, 4-6 mA, TO-5, TEC, window | | 250,25 | 266,36 |
| PD43-03TRW, 3.7-4.6 μm , 0.3 mm, 1.6-2.0 A/W, 4-6 mA, TO-5, TEC, reflector, window | | 269,50 | 286,85 |
| 2.8 - 4.7 μm | | | |
| PD43-05SMD3020, 2.8-4.7 μm , 0.5 mm, 0.9-1.0 A/W, 15-25 mA, SMD 3.8x3.8 mm | 10 pcs. | 85,10 | 90,58 |
| PD43-05, 2.8-4.7 μm , 0.5 mm, 0.9-1.0 A/W, 15-25 mA, TO-18 | | 140,60 | 149,65 |
| PD43-05R, 2.8-4.7 μm , 0.5 mm, 0.9-1.0 A/W, 15-25 mA, TO-18, reflector | | 151,70 | 161,46 |
| PD43-05RW, 2.8-4.7 μm , 0.5 mm, 0.9-1.0 A/W, 15-25 mA, TO-18, reflector, window | | 173,90 | 185,09 |
| PD43-05CH, 2.6-4.6 μm , 0.5 mm, 15-25 mA, TO-18, glass cover | | 155,40 | 165,40 |
| PD43-05TW, 2.8-4.7 μm , 0.5 mm, 0.9-1.0 A/W, 15-25 mA, TO-5, TEC, window | | 304,50 | 324,10 |
| PD43-05TRW, 2.8-4.7 μm , 0.5 mm, 0.9-1.0 A/W, 15-25 mA, TO-5, TEC, reflector, window | | 337,50 | 359,22 |
| 2.8 - 4.9 μm | | | |
| PD49-05SMD3020, 2.8-4.9 μm , 0.5 mm, 1 A/W, 17 mA, SMD 3.0x2.0 mm | 10 pcs. | 85,10 | 90,58 |
| PD49-05, 2.8-4.9 μm , 0.5 mm, 1 A/W, 17 mA, TO-18 | | 140,60 | 149,65 |
| PD49-05R, 2.8-4.9 μm , 0.5 mm, 1 A/W, 17 mA, TO-18, reflector | | 151,70 | 161,46 |
| PD49-05RW, 2.8-4.9 μm , 0.5 mm, 1 A/W, 17 mA, TO-18, reflector, window | | 173,90 | 185,09 |
| PD49-05CH, 2.8-4.9 μm , 0.5 mm, 17 mA, TO-18, glass cover | | 155,40 | 165,40 |
| PD49-05TW, 2.8-4.9 μm , 0.5 mm, 1 A/W, 17 mA, TO-5, TEC, window | | 304,50 | 324,10 |
| PD49-05TRW, 2.8-4.9 μm , 0.5 mm, 1 A/W, 17 mA, TO-5, TEC, reflector, window | | 323,75 | 344,59 |

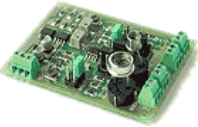
| MID-IR PHOTODIODES 1.0 - 4.9 μm integrated TIA | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>Mid-IR photodiode in aluminum tube package with an integrated preamplifier (AMP) supply voltage: 5 VDC</p> <p>additional option: - parabolic reflector (R)</p> | | | | |
| 1.0 - 2.5 μm | | | | |
| PD24-03R-AMP, 1.1-2.43 μm , 0.3 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 273,00 | 290,57 |
| PD24-03RW-AMP, 1.1-2.43 μm , 0.3 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 294,00 | 312,92 |
| 1.8 - 3.8 μm | | | | |
| PD36-03R-AMP, 1.8-3.8 μm , 0.3 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 264,25 | 281,26 |
| PD36-03RW-AMP, 1.8-3.8 μm , 0.3 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 285,25 | 303,61 |
| PD36-03CHR-AMP, 2.0-3.8 μm , 0.3 mm, glass cover, refl., preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 320,25 | 340,86 |
| PD36-05R-AMP, 1.8-3.8 μm , 0.5 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 306,25 | 325,96 |
| PD36-05RW-AMP, 1.8-3.8 μm , 0.5 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 327,25 | 348,31 |
| PD36-05CHR-AMP, 2.0-3.6 μm , 0.5 mm, glass cover, refl., preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 320,25 | 340,86 |
| 2.3 - 4.1 μm | | | | |
| PD40-05R-AMP, 2.3-4.1 μm , 0.5 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 327,25 | 348,31 |
| PD40-05RW-AMP, 2.3-4.1 μm , 0.5 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 348,25 | 370,66 |
| PD40-05CHR-AMP, 2.3-4.1 μm , 0.5 mm, glass cover, refl., preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 341,25 | 363,21 |
| 2.8 - 4.1 μm | | | | |
| PD41-03R-AMP, 2.8-4.1 μm , 0.3 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 273,00 | 290,57 |
| PD41-03RW-AMP, 2.8-4.1 μm , 0.3 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 294,00 | 312,92 |
| PD41-05R-AMP, 2.8-4.1 μm , 0.5 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 327,25 | 348,31 |
| PD41-05RW-AMP, 2.8-4.1 μm , 0.5 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 348,25 | 370,66 |
| 3.7 - 4.6 μm | | | | |
| PD43-03R-AMP, 3.7-4.6 μm , 0.3 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 273,00 | 290,57 |
| PD43-03RW-AMP, 3.7-4.6 μm , 0.3 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 294,00 | 312,92 |
| PD43-03CHR-AMP, 3.6-4.6 μm , 0.3 mm, glass cover, refl., preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 287,00 | 305,47 |
| 2.8 - 4.6 μm | | | | |
| PD43-05R-AMP, 2.8-4.6 μm , 0.5 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 327,25 | 348,31 |
| PD43-05RW-AMP, 2.8-4.6 μm , 0.5 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 348,25 | 370,66 |
| PD43-05CHR-AMP, 2.6-4.6 μm , 0.5 mm, glass cover, refl., preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 341,25 | 363,21 |
| 2.8 - 4.9 μm | | | | |
| PD49-05R-AMP, 2.8-4.9 μm , 0.5 mm, reflector, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 327,25 | 348,31 |
| PD49-05RW-AMP, 2.8-4.9 μm , 0.5 mm, refl., window, preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 348,25 | 370,66 |
| PD49-05CHR-AMP, 2.8-4.9 μm , 0.5 mm, glass cover, refl., preamplifier, 5 VDC, \varnothing 12 x 40 mm tube | | | 341,25 | 363,21 |


| SYNCHRONOUS DETECTOR FOR MID-IR PD with TIA | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>Synchronous detector for Mid-IR PDs with AMP measures the voltage signal of AMP and converts it to DC voltage signal proportional to the amplitude of input voltage</p> <ul style="list-style-type: none"> - 3 independent channels - built-in power supply for AMP | | | | |
| PCB-SDETECT-1P, measure and convert PD AMP signal, pulsed mode, 1 channel, 12 VDC | | | 149,85 | 159,49 |
| PCB-SDETECT-2P, measure and convert PD AMP signal, pulsed mode, 2 channels, 12 VDC | | | 181,30 | 192,97 |
| PCB-SDETECT-3P, measure and convert PD AMP signal, pulsed mode, 3 channels, 12 VDC | | | 201,25 | 214,20 |


| MID-IR PORTABLE MINI SPECTROMETER 1.3 - 2.4 μm | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>Mini-Spectrometer for spectral express analysis in the near infrared (IR) range from 1.3 to 2.4 μm. - portable, compact size (60x42x42 mm) - reflectance-based analysis - multi-element LED matrix, wideband photodiode - USB, software control via Windows PC</p> | | | | |
| SPECTRO-M, 1.3-2.4 μm , reflectance-based analysis, USB, Windows software | | | o.r. | o.r. |


AMPLIFIERS FOR PHOTODIODES ↑

| General purpose current & voltage converter boards | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>General purpose current & voltage converter boards adjustable offset and gain, supply voltage 7-24 VDC, PCB size: 13 x 26 x 8 mm</p> | | | | |
| AMPCON 4-20L, general purpose photodiode current converter, 0-250 μA to 4-20 mA | | | 78,00 | 83,02 |
| AMPCON 4-20M, general purpose photodiode current converter, 0-2.5 μA to 4-20 mA | | | 78,00 | 83,02 |
| AMPCON 4-20H, general purpose photodiode current converter, 0-25 nA to 4-20 mA | | | 78,00 | 83,02 |
| VOLTCON 0-5L, general purpose photodiode voltage converter 0..500 μA to 0..5 V | | | 78,00 | 83,02 |
| VOLTCON 0-5M, general purpose photodiode voltage converter 0..5 μA to 0..5 V | | | 78,00 | 83,02 |
| VOLTCON 0-5H, general purpose photodiode voltage converter 0..50 nA to 0..5 V | | | 78,00 | 83,02 |

| Multi-channel PD preamplifier boards | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>high gain and low noise general purpose photodiode preamplifier board</p> | | | | |
| MULTIBOARD, general purpose photodiode amplifier board, 2 channels, $\pm 9\pm 24$ VDC | | | 104,00 | 110,69 |
| DIGIBOARD, general purpose photodiode amplifier board, 2 channels, 5-18 VDC | | | 176,00 | 187,33 |

| USBAMP-4 Photocurrent Digitizer | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>Photocurrent Digitizer converts small DC currents into digital values, to display and record your measurements on your computer - 4 selectable gain levels, pA - μA - incl. software control via PC, easy to use - incl. PTB traceable current calibration</p> | | | | |
| USBAMP-4, computer-controlled photocurrent digitizer, 4 switchable gains, pA- μA , USB, BNC | | | 624,00 | 664,16 |

| MID-IR PD voltage converter board | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>Mini preamplifier for Mid-IR PDs works in photovoltaic mode: the board converts the amplified photodiode current into a voltage signal - 1 channel</p> | | | | |
| PCB-MPREAMP, photovoltaic mode, supply voltage 5 VDC, 26 x 10 mm | | | 129,50 | 137,83 |

| MID-IR PD amplifier with integrated synchrodetector | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>Amplifier with integrated Synchrodetector for Mid-IR photodiodes. Maximum Output $\pm 4\text{V}$ for subsequent use with lock-in amplifiers, oscilloscopes or A/D converters. Signal output on LC display</p> | | | | |
| AM-07, 0.5kHz-1MHz, max. $6.4 \cdot 10^6$ V/A, for MID-IR PD series | | | 373,80 | 397,86 |
| AMT-07, 0.5kHz-1MHz, max. $6.4 \cdot 10^6$ V/A, TEC support, for MID-IR PD series | | | 417,90 | 444,80 |

PHOTODIODES BARE CHIP DIES



General purpose current & voltage converter boards

Status MOQ EUR / pc USD / pc



Photodiode chip dies
minimum order quantity 10 pcs. (MOQ)

355 nm - 1750 nm

| | | | |
|--|-----------|--------|--------|
| PX410, InGaAs photodiode chip die, 1.0 - 1.65 μm , active area 75 μm | 10 pcs. | 3,85 | 4,10 |
| OTIR1017-3MD, InGaAs photodiode chip die, 0.8 - 1.7 μm , active area 300 μm | 1000 pcs. | 2,24 | 2,38 |
| LAPD-05-06-17-CHIP, InGaAs, 0.6 - 1.7 μm , aperture size \varnothing 455 μm , chip die | | 16,70 | 17,77 |
| LAPD-05-09-17-CHIP, InGaAs, 0.9 - 1.7 μm , aperture size \varnothing 455 μm , chip die | | 11,13 | 11,85 |
| LAPD-1-09-17-CHIP, InGaAs, 1.0 - 1.7 μm , aperture size \varnothing 0.95 mm, chip die | | 29,70 | 31,61 |
| LAPD-1-06-17-CHIP, InGaAs, 0.6 - 1.7 μm , aperture size \varnothing 0.95 mm, chip die | | 44,55 | 47,42 |
| LAPD-1-12-22-CHIP, InGaAs, 1.2 - 2.2 μm , aperture size \varnothing 0.95 mm, chip die | | 121,80 | 129,64 |
| LAPD-2-09-17-CHIP, InGaAs, 1.0 - 1.7 μm , aperture size \varnothing 1.85 mm, chip die | | 61,43 | 65,38 |
| LAPD-2-06-17-CHIP, InGaAs, 0.6 - 1.7 μm , aperture size \varnothing 1.85 mm, chip die | | 170,10 | 181,05 |
| LAPD-2-12-22-CHIP, InGaAs, 1.2 - 2.2 μm , aperture size \varnothing 1.85 mm, chip die | | 464,00 | 493,86 |
| LAPD-Q2-09-17-CHIP, InGaAs Quadrant PIN, 0.9 - 1.7 μm , aperture size \varnothing 1.86 mm, chip die | | o.r. | o.r. |
| LAPD-3-09-17-CHIP, InGaAs, 1.0 - 1.7 μm , aperture size \varnothing 3 mm, chip die | | 357,00 | 379,98 |
| LAPD-5-09-17-CHIP, InGaAs, 1.0 - 1.7 μm , aperture size \varnothing 5 mm, chip die | | o.r. | o.r. |

THERMOPILES



Thermopile Detectors | 5.0 - 14 μm

Status MOQ EUR / pc USD / pc



Thermopile sensors for IR temperature measurements, radiation monitoring, gas analysis
 • hermetically sealed TO metal can package
 • high sensitivity

| | | | | |
|---|-----|--|------|------|
| TP336A, 5-14 μm , 85 V/W, sensitive area \varnothing 545 μm , TO-5, window \varnothing 2.6 mm | EOL | | 4,98 | 5,30 |
| TP339UG, 5-14 μm , 85 V/W, sensitive area \varnothing 545 μm , TO-18, window \varnothing 3.0 mm | EOL | | 4,98 | 5,30 |

INTERFERENCE FILTERS



Interference Filters | \varnothing 12.7 mm | 254 - 1064 nm

Status MOQ EUR / pc USD / pc



easy to use glued crystal assembly for generating green high quality interference filters for many science and technical applications


further wavelengths and sizes on request

| | | | |
|---|--------|--------|--------|
| RLT-254-11-A, 254 nm, T >15%, size \varnothing 12.7 mm x 4.7 mm | | 77,80 | 82,81 |
| RLT-330-10-A, 330 nm, T >30%, size \varnothing 12.7 mm x 6.6 mm | | 77,80 | 82,81 |
| RLT-340-10-A, 340 nm, T >40%, size \varnothing 12.7 mm x 7.3 mm | 2 pcs. | 258,00 | 274,61 |
| RLT-365-12-A, 365 nm, T >40%, size \varnothing 12.7 mm x 6.3 mm | | 77,80 | 82,81 |
| RLT-405-12-A, 405 nm, T >40%, size \varnothing 12.7 mm x 8.3 mm | | 77,80 | 82,81 |
| RLT-436-12-A, 436 nm, T >45%, size \varnothing 12.7 mm x 6.6 mm | | 77,80 | 82,81 |
| RLT-445-10-A, 445 nm, T >50%, \varnothing 12.7 mm, Dicke <8.5 mm | 2 pcs. | 198,00 | 210,74 |
| RLT-458-11-A, 458 nm, T >70%, \varnothing 12.7 mm, Dicke <8.5 mm | | 134,90 | 143,58 |
| RLT-488-10-A, 488 nm, T >70%, \varnothing 12.7 mm, Dicke <8.5 mm | 2 pcs. | 198,00 | 210,74 |
| RLT-500-11-A, 500 nm, T >50%, size \varnothing 12.7 mm x 5.7 mm | | 134,90 | 143,58 |
| RLT-514.5-11-A, 514.5 nm, T >70%, size \varnothing 12.7 mm x 5.7 mm | | 134,90 | 143,58 |
| RLT-520-11-A, 511 nm, T >50%, size \varnothing 12.7 mm x 5.7 mm | | 77,80 | 82,81 |
| RLT-532-10-A, 532 nm, T >70%, size \varnothing 12.7 mm x 5.8 mm | | 77,80 | 82,81 |
| RLT-546-10-A, 546 nm, T >50%, size \varnothing 12.7 mm x 5.8 mm | | 77,80 | 82,81 |
| RLT-589-10-A, 589 nm, T >60%, size \varnothing 12.7 mm x 5.3 mm | | 77,80 | 82,81 |
| RLT-600-22-A, 600 nm, T >60%, size \varnothing 12.7 mm x 5.3 mm | | 77,80 | 82,81 |
| RLT-620-12-A, 620 nm, T >60%, size \varnothing 12.7 mm x 5.3 mm | | 144,10 | 153,37 |
| RLT-632.8-11-A, 632.8 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm | | 77,80 | 82,81 |
| RLT-635-11-A, 635 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm | | 156,90 | 167,00 |
| RLT-650-11-A, 650 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm | | 75,40 | 80,25 |
| RLT-655-25-A, 655 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm | | 75,40 | 80,25 |
| RLT-658-11-A, 658 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm | | 75,40 | 80,25 |
| RLT-660-11-A, 660 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm | | 194,25 | 206,75 |
| RLT-670-11-A, 670 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm | 3 pcs. | 142,30 | 151,46 |
| RLT-670-25-A, 670 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm | | 75,40 | 80,25 |
| RLT-680-11-A, 680 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm | | 75,40 | 80,25 |
| RLT-690-11-A, 690 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm | | 75,40 | 80,25 |
| RLT-780-11-A, 780 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm | | 75,40 | 80,25 |
| RLT-780-12-A, 780 nm, T >70%, size \varnothing 12.7 mm x 2.8 mm | | 75,40 | 80,25 |
| RLT-785-27.5-A, 785 nm, T >70%, size \varnothing 12.7 mm x 3.6 mm | | 134,90 | 143,58 |
| RLT-790-12.5-A, 790 nm, T >70%, size \varnothing 12.7 mm x 3.6 mm | | 158,00 | 168,17 |
| RLT-850-25-A, 850 nm, T >70%, size \varnothing 12.7 mm x 2.3 mm | | 77,80 | 82,81 |
| RLT-905-34-A, 905 nm, T >70%, size \varnothing 12.7 mm x 3.3 mm | | 77,80 | 82,81 |
| RLT-1064-11-A, 1064 nm, T >70%, size \varnothing 12.7 mm x 3.6 mm | | 79,00 | 84,08 |

further wavelengths and sizes on request


OPTICAL POWER METERS



| Coherent Power Meters | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>Coherent laser power and energy meters, sensors and accessories, for handheld operation and laboratory use</p> | | | | |
| LASERCHECK, handheld laser power meter, 400..1064 nm, 0.5 µW up to 1 W | | | 616,00 | 655,65 |
| FIELDMATE, laser power meter, analog and digital readout, AC/DC operation | | | o.r. | o.r. |
| FIELDMAX II P, laser energy meter, USB computer interface, LCD display | | | o.r. | o.r. |
| FIELDMAX II TO, laser power meter, USB computer interface, LCD display | | | o.r. | o.r. |
| FIELDMAX II TOP, laser energy and power meter, USB computer interface, LCD Display | | | o.r. | o.r. |
| LABMAX TO, laser power meter, USB and RS232 interface, data logging | | | o.r. | o.r. |
| LABMAX TOP, laser energy and power meter, USB and RS232 interface, data logging | | | o.r. | o.r. |
| LABMAX TOUCH, laser energy & power meter, 7" touch-screen, variety of interface, Li-ion battery | | | o.r. | o.r. |
| LABMAX TOUCH PRO, laser energy & power meter, 7" touch-screen, 1 MHz, variety of interface, Li-ion battery | | | o.r. | o.r. |
| Power Meter Sensors | Status | MOQ | EUR / pc | USD / pc |
| OP-2-IR, 800..1800 nm, max. power 10 mW, active area Ø5 mm, resolution 1 nW | | | o.r. | o.r. |
| OP-2-VIS, 400..1060 nm, max. power 50 mW, active area Ø7.9 mm, resolution 1 nW | | | o.r. | o.r. |
| OP-2-UV, 250..400 nm, max. power 30 mW, active area Ø6 mm, resolution 1 nW | | | o.r. | o.r. |
| J-10MB-LE, 0.19..12 µm, 300nJ-60µJ, active area Ø10 mm, <1 khz | | | o.r. | o.r. |
| J-10MB-HE, 0.19..12 µm, 10µJ-20mJ, active area Ø10 mm, <1 khz | | | o.r. | o.r. |
| J-10MT-10KHZ, 0.3..2.1 µm, 100nJ-200µJ, active area Ø10 mm, <10 khz | | | o.r. | o.r. |
| Power Meter Accessories | Status | MOQ | EUR / pc | USD / pc |
| AC POWERADAPTER | | | o.r. | o.r. |
| FIELDMATE SOFTCASE | | | o.r. | o.r. |


FIBER CHECKERS



| Fiberpoint series Made in Germany | Status | MOQ | EUR / pc | USD / pc |
|--|--------|-----|----------|----------|
|  <p>fiber optic fault locator made in germany for field, industrial, and laboratory use many common connectors supported for single mode/multimode fibers Dust cap and AAA alkaline batteries included 3 different adapters available</p> | | | | |
| FIBERPOINT 250, 635 nm, <1 mW, 2.5 mm, pulse & cw, 21 x 170 mm, 2x AAA, Quadrosafe | | | 167,00 | 177,75 |
| FIBERPOINT 250HP, 635 nm, <3 mW, pulse & cw, 21 x 170 mm, 2x AAA, Laserclass 2M, Quadrosafe | | | 175,00 | 186,26 |
| FIBERPOINT 250MD, 635 nm, <1 mW, 2.5 mm, pulse & cw, 12 x 67 mm, 2 x AAA, transport case | | | 182,00 | 193,71 |
| FIBERPOINT ET G, 520 nm, <400 µW, pulse & cw, 12 x 167 mm, 2 x AAA, Case, Laserclass 1 | | | 183,00 | 194,78 |
| Accessories | | | | |
| FP-ADAPTER POF, for 1.5 and 2.2 mm polymer optical fibers, attenuation <1 dB | | | 27,23 | 28,98 |
| FP-ADAPTER SMA, for SMA 905 connector, attenuation <1 dB | | | 38,11 | 40,56 |
| FP-ADAPTER 2.5-1.25, for 1.25 mm connector LC, MU, F3000, attenuation <1 dB | | | 41,40 | 44,06 |
| FCC OEM Fiberchecker | Status | MOQ | EUR / pc | USD / pc |
| FCC-6512-5, 650 nm, 5 mW, pulse & cw, MM, 2.5 mm, 2 x AAA, not for sale in germany | | | 70,00 | 74,51 |


DETECTOR CARDS





| Laser Detector Cards 800 - 1650 nm | Status | MOQ | EUR / pc | USD / pc |
|---|--------|-----|----------|----------|
|  <p>infrared sensor cards for UV and IR-light visualisation Wavelength range 250-400nm and 800-1650 nm</p> <p>Sensor size: 1 x 1 cm or 3 x 5 cm</p> <p>custom logo & layout available on request</p> | | | | |
| UV | | | | |
| HTUV1-10X10, Absorbtion range 250 ...400 nm, emission range 500 ...620 nm, active area 1x1 cm | NEW | | 45,90 | 48,85 |
| HTUV1-30X50, Absorbtion range 250 ...400 nm, emission range 500 ...620 nm, active area 3x5 cm | NEW | | 86,90 | 92,49 |
| IR | | | | |
| HT111-10X10, 808 nm, 940...990 nm, 1550 nm, active area 1x1 cm, upconverting | | | 17,90 | 19,05 |
| HT111-30X50, 808 nm, 940...990 nm, 1550 nm, active area 3x5 cm, upconverting | | | 41,70 | 44,38 |
| HT582-10X10, 800...1400 nm, active area 1x1 cm, light loadable | | | 17,90 | 19,05 |
| HT582-30X50, 800...1400 nm, active area 3x5 cm, light loadable | | | 41,70 | 44,38 |
| HT612-10X10, 800...1650 nm, active area 1x1 cm, light loadable | | | 17,90 | 19,05 |
| HT612-30X50, 800...1650 nm, active area 3x5 cm, light loadable | | | 41,70 | 44,38 |


LASER SAFETY GOGGLES



| Univet Laser Safety Goggles Frameless | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | | | | | |
| UV | | | | | |
| 5X8.03.00.03, UV400, polycarbonate, yellow | | | | 18,90 | 20,12 |
| 505U.00.00.19, <420 nm, polycarbonate, yellow, VLT 83.2% | | EOL | | 10,90 | 11,60 |
| BLUE + GREEN | | | | | |
| 5X3.03.33.04, <525 nm, polyc., orange, VLT 57.5% | | | | 26,80 | 28,52 |
| 5X7L.00.00.653, 180-541 nm, [alignment 560-780 nm], polyc., orange, VLT 38% | | | | 91,00 | 96,86 |
| IR | | | | | |
| 5X7L.00.00.651, 715-1120 nm, [alignment 470-650nm], polyc., green, VLT 33% | | | | 101,30 | 107,82 |
| 5X7L.00.00.652, 735-870 nm, [alignment 410-695 nm], polyc., pink, VLT 19% | | | | 144,00 | 153,27 |


| Univet Laser Safety Goggles Professional Series | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | | | | | |
| Professional laser safety glasses - Side protection by full frame - adjustable silicone nose bridge - adjustable soft touch earpiece - suitable over prescription glasses - case and collar included | | | | | |
| ALIGNMENT ONLY | | | | | |
| 562S.00.00.307, alignment 440-570 nm, polyc., pink, VLT 19% | | | | 173,00 | 184,13 |
| 562S.00.00.301, alignment 592-695 nm, polyc., light blue, VLT 32% | | | | 159,00 | 169,23 |
| 562S.00.00.351, alignment 400-430 nm + 560-700 nm, polyc. blue, VLT 15% | | | | 128,00 | 136,24 |
| UV + BLUE + GREEN | | | | | |
| 562S.00.00.349, 190-535 nm + 680-1115 nm + 9-11 µm, [alignment 560-620 nm], polyc., dark orange, VLT 10% | | | | 203,00 | 216,07 |
| 562S.00.00.329, 190-532 + 800-1105 nm + 9-11 µm, [alignment 555-695 nm], polyc., dark orange, VLT 16% | | | | 196,00 | 208,61 |
| UV + RED + IR | | | | | |
| 562S.00.00.311, 190-375 nm + 600-670 nm, [alignment 425-555 nm], polyc., blue, VLT 16% | | | | 171,00 | 182,01 |
| 562H.00.00.201, 190-315 nm + 645-1525 nm + 2.8-3.3 µm, glass, green, VLT 40% | | EOL | | 236,00 | 251,19 |
| 562S.00.00.201, 190-315 nm + 645-1525 nm + 2.8-3.3 µm, [alignment 380-590 nm], glass, green, VLT 27% | | | | 271,00 | 288,44 |
| UV + IR | | | | | |
| 562S.00.00.200, 190-260nm + 815-1400 nm, [alignment 380-720], glass, aqua, VLT 64% | | | | 271,00 | 288,44 |
| 562S.00.01.200, 190-260 nm + 815-1400 nm, [alignment 380-720 nm], glass aqua, VLT 64%, anthracite frame | | | | 271,00 | 288,44 |
| 562S.00.00.300, 190-315 nm + 9-11 µm, [alignment 400-780], polyc., clear, VLT 90% | | | | 81,00 | 86,21 |
| 562S.00.00.309, 190-430 nm + 750-1100 nm + 9-11 µm, [alignment 470-650nm], polyc., green, VLT 33% | | | | 140,00 | 149,01 |
| 562S.00.00.312, 190-315 nm + 720-870 nm, [alignement 410-695 nm], polyc., pink, VLT 19% | | | | 193,00 | 205,42 |



| Univet Laser Safety Goggles High Power Series | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | | | | | |
| High-intensity laser protection - high protection 2mm thick aluminium shield - elastic adjustable band increases glasses stability - soft internal rubber cushion, no pressure points - interferential glass filters absorbing filters made in polycarbonate or glass - Model available also with temples | | | | | |
| UV + IR | | | | | |
| 559G.00.00.300, 190-315 nm + 9-11 µm, [alignment 400-780 nm], polyc., clear, VLT 90% | | | | 143,00 | 152,20 |
| GREEN | | | | | |
| 559G.00.00.101, 515-532 nm, [alignment 587-780 nm], glass+coating, orange, VLT 15% | | | | 497,00 | 528,99 |
| IR | | | | | |
| 559G.00.00.010, 0.775-3.0 µm + 9-11 µm, [alignment 380-740 nm], glass, aqua, VLT 57% | | | | 497,00 | 528,99 |

| Univet Laser Safety Goggles Patient Series | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | | | | | |
| Professional laser safety eyeware for patients - adjustable nose pad and cord - soft interchangeable face-foam - can be sterilized by autoclave - available with laser filters or blind | | | | | |
| 616L.00.00.000, Laser Safety Eyeware, for patient, white, blind | | | | 159,00 | 169,23 |
| 617L.00.00.000, Laser Safety Eyeware, for patient, gray, blind | | | | 140,00 | 149,01 |

LASER POINTERS - VIOLET





| RLP-405 Series 405 nm | | Status | MOQ | EUR / pc | USD / pc |
|--|--|--------|-----|----------|----------|
|  | | | | | |
| Violet diode laser pointer - Automatic Power Control (APC) - Control LED - transport case & batteries included - metal housing, chrome polished 405 nm | | | | | |


| RLP-405 Series with Safety Keylock 405 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | Violet diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | |
| RLP-405-01, 405 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 42,00 | 44,70 |
| RLP-405-05, 405 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 42,00 | 44,70 |
| RLP-405-10, 405 nm, <10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 59,10 | 62,90 |
| RLP-405-50, 405 nm, 50 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 112,00 | 119,21 |
| RLP-405-100, 405 nm, 100 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 128,00 | 136,24 |
| GLP-405 Series 405 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | GLP series, 405 nm laser diode, 5-20mW, for science and fluorescence excitation applications. 405 nm laserlight is close to the limit of the human visibility, spot brightness on normal targets is poor. 2 x CR2 batteries, included 405 nm | | | | |
| GLP-405-5, 405 nm, 5 mW, cw, 2 x 1.5V AAA, 80 g, size 13.5 x 150 mm | | EOL | | 149,00 | 158,59 |
| GLP-405-10, 10 mW, cw, 2 x 1.5V AAA, 80 g, size 13.5 x 150 mm | | EOL | | 155,00 | 164,98 |

LASER POINTERS - BLUE




| RLP-450 Series 450 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | Royalblue diode laser pointer - Automatic Power Control (APC) - Control LED - transport case & batteries included - metal housing, chrome polished 450 nm | | | | |
| RLP-450-01E, 450 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery, no safety key switch | | | | 52,50 | 55,88 |








| RLP-450 Series with Safety Keylock 450 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | Royalblue diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | |
| RLP-450-01, 450 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 61,80 | 65,78 |
| RLP-450-05, 450 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 63,90 | 68,01 |
| RLP-450-10, 450 nm, <10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 81,50 | 86,75 |
| RLP-450-50, 450 nm, 50 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 106,30 | 113,14 |




| ROITHNER 450 450 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | - direct emitting blue laser diode - Automatic Power Control (APC) - transport case & batteries included - metal housing, chrome polished 450 nm | | | | |
| ROITHNER 450, 450 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 56,95 | 60,62 |

LASER POINTERS - GREEN




| RLP-520 Series 520 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | Green diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | |
| RLP-520-01E, 520 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery, no safety key switch | | | | 41,90 | 44,60 |


| RLP-520 Series with Safety Keylock 520 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|---|------------|-----|----------|----------|
|  | Green diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | |
| RLP-520-01, 520 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 50,80 | 54,07 |
| RLP-520-05, 520 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 50,80 | 54,07 |
| RLP-520-10, 520 nm, <10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 84,90 | 90,36 |
| RLP-520-20, 520 nm, <20 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 89,90 | 95,69 |
| ROITHNER 520 520 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | Green diode laser pointer: - Automatic Power Control (APC) - transport case & batteries included - metal housing, chrome polished 520 nm | | | | |
| ROITHNER 520, 520 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 69,90 | 74,40 |
| GDP-520 520 nm QCW | | Status | MOQ | EUR / pc | USD / pc |
|  | Green diode laser pointer - low operating current - qcw, short focus (1 m) - alkaline batteries included | | | | |
| GDP-520-5, 520 nm, 5 mW, qcw, ON-LED, 80 g, 13x160 mm, 2x 1.5V AAA battery | | EOL | | 88,00 | 93,66 |
| RLP-532 Series with Safety Keylock 532 nm DPSS | | Status | MOQ | EUR / pc | USD / pc |
|  | Green DPSS laser pointer - IR filter - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | |
| RLP-532-01, 532 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 40,90 | 43,53 |
| RLP-532-05, 532 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 40,90 | 43,53 |
| RLP-532-10, 532 nm, <10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 51,50 | 54,81 |
| RLP-532-20, 532 nm, <20 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 61,90 | 65,88 |
| RLP-532-50, 532 nm, 50 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 143,80 | 153,06 |
| RLP-532-100, 532 nm, 100 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 368,00 | 391,69 |
| ROITHNER 532 532 nm DPSS | | Status | MOQ | EUR / pc | USD / pc |
|  | Green DPSS laser pointer: - IR filter - Automatic Power Control (APC) - transport case & batteries included - metal housing, chrome polished 532 nm | | | | |
| ROITHNER 532, 532 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 29,90 | 31,82 |
| GPL-105 532 nm DPSS | | Status | MOQ | EUR / pc | USD / pc |
|  | GPL series: 532nm cw laser pointer, polished metal body with clip, excellent beam quality, black metal transport case and batteries included 532 nm | | | | |
| GPL-105, 532 nm, <5 mW, cw, 13 x 150 mm, 71 g, 2x 1.5V AAA battery | | | | 33,00 | 35,12 |
| GLP532-REMOTE 532 nm DPSS | | Status | MOQ | EUR / pc | USD / pc |
|  | Laser pointer with integrated remote presenter fine finished brass casing with LED indicator, scroll buttons and clip, transport case and 2.4 GHz USB receiver 532 nm | | | | |
| GLP532-REMOTE, 532 nm, <5 mW, cw, remote, 2 x AAA, size 14.5 x 152 mm | | | | 68,00 | 72,38 |


| S200-5R 532 nm DPSS | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | <p>S200 green laser pointer: 532nm, silvergrey metal body with clip, excellent beam quality, batteries included</p> <p>532 nm</p> | | | | |
| S200-5R, 532 nm, <5 mW, cw, 13 x 155 mm, 81 g, metal housing, 2x 1.5V AAA battery | | EOL | | 19,90 | 21,18 |
| GPL-20 532 nm DPSS | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>GPL series: 532nm cw laser pointer, aluminium body with clip, transport case and batteries included. up to 200 mW</p> <p>532 nm</p> | | | | |
| GPL-20, 532 nm, >20 mW, cw, 13 x 160 mm, 94 g, 2x 1.5V AAA battery | | EOL | | 84,00 | 89,41 |
| GPL532 532 nm DPSS | | Status | MOQ | EUR / pc | USD / pc |
|  | <p>GPL532 series: Green cw laser pointer, metal body with clip, black soft touch coating, excellent beam quality, transport case and batteries included</p> <p>532 nm</p> | | | | |
| GLP532-5-3, 532 nm, 5 mW, cw, 13 x 162 mm, 90 g, 2x 1.5V AAA battery | | EOL | | 45,00 | 47,90 |
| GLP532-20-3, 532 nm, 20 mW, cw, 13 x 162 mm, 90 g, 2x 1.5V AAA battery | | EOL | | 74,00 | 78,76 |


LASER POINTERS - YELLOW ↑

| RLP-593 Series 593 nm | | Status | MOQ | EUR / pc | USD / pc |
|--|--|--------|-----|----------|----------|
|  | <p>Yellow diode laser pointer</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | |
| RLP-593-01, 593 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | NEW | | 70,65 | 75,20 |
| RLP-593-05, 593 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | NEW | | 72,40 | 77,06 |


LASER POINTERS - RED ↑


| RLP-635 Series 635 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | <p>Red diode laser pointer</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - Control LED - transport case & batteries included - metal housing, chrome polished <p>635 nm</p> | | | | |
| RLP-635-01E, 635 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery, no safety key switch | | | | 18,70 | 19,90 |


| RLP-635 Series with Safety Keylock 635 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | <p>Red diode laser pointer</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | |
| RLP-635-01, 635 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 26,40 | 28,10 |
| RLP-635-05, 635 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 26,40 | 28,10 |
| RLP-635-10, 635 nm, <10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 43,70 | 46,51 |
| RLP-635-20, 635 nm, <20 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 78,80 | 83,87 |

| ROITHNER 635 635 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | <p>Red diode laser pointer:</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - transport case & batteries included - metal housing, chrome polished <p>635 nm</p> | | | | |
| ROITHNER 635, 635 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 21,90 | 23,31 |


| LS-11 645 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | red laser pointer, low cost, cw-operation, black metal body with clip, transport case and batteries included | | | | |
| 645 nm | | | | | |
| LS-11, 645 nm, 3.5 mW, 11 x 135 mm, 48 g, 2x 1.5V AAA battery | | | | 16,96 | 18,05 |

| RLP-650 Series 655 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | Red diode laser pointer - Automatic Power Control (APC) - Control LED - transport case & batteries included - metal housing, chrome polished | | | | |
| 655 nm | | | | | |
| RLP-650-01E, 655 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery, no safety key switch | | | | 17,80 | 18,95 |


| RLP-650 Series with Safety Keylock 655 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | Red diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | |
| 655 nm | | | | | |
| RLP-650-01, 655 nm, <1 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 25,30 | 26,93 |
| RLP-650-05, 655 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 25,30 | 26,93 |
| RLP-650-10, 655 nm, <10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 43,70 | 46,51 |
| RLP-650-30, 655 nm, <30 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 78,80 | 83,87 |


| ROITHNER 650 655 nm | | Status | MOQ | EUR / pc | USD / pc |
|--|---|--------|-----|----------|----------|
|  | Red diode laser pointer: - Automatic Power Control (APC) - transport case & batteries included - metal housing, chrome polished | | | | |
| 655 nm | | | | | |
| ROITHNER 650, 655 nm, <5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 19,90 | 21,18 |








LASER POINTERS - GREEN+RED ↑






| GRP532-655 532+655 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | GRP532-655 green-red laser pointer 532 nm and 650 nm, cw mode, metal housing, 2 push buttons: laser green, laser red, laser red + green, high quality mechanical design, excellent beam quality | | | | |
| 532, 655 nm | | | | | |
| GRP532-655, 532 nm, and 650 nm, <5 mW, cw, 2 x AAA, size 13.5 x 157 mm | | | | 55,00 | 58,54 |


LASER POINTERS - INFRARED ↑


| RLP-780 Series with Safety Keylock 780 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | IR diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | |
| 780 nm | | | | | |
| RLP-780-10, 780 nm, 10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 53,75 | 57,21 |
| RLP-780-50, 780 nm, 50 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 64,50 | 68,65 |


| LP-780 780 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | IR laser pointer, cw-operation, body with clip, status LED, alkaline batteries and transport case included | | | | |
| 780 nm | | | | | |
| LP-780-2, 780 nm, 2 mW, 11 x 137 mm, 55 g, 2x 1.5V AAA battery | | | | 14,00 | 14,90 |

| GLP-III-808C Series 808 nm | | Status | MOQ | EUR / pc | USD / pc | |
|---|---|--------|-----|----------|----------|--------|
|  | <p>IR diode portable laser</p> <ul style="list-style-type: none"> - Li-Ion rechargeable battery - Control LED - Safety Key Switch - Mechanical Shutter <p>808 nm</p> | | | | | |
| GLP-III-808C-1W, 808 nm, 1 W, 38x220 mm, 1 x 18650 Li-Ion battery | | | | 545,00 | 580,08 | |
| GLP-III-808C-1W5, 808 nm, 1.5 W, 38x220 mm, 1 x 18650 Li-Ion battery | | | | 681,00 | 724,83 | |
| GLP-III-808C-2W, 808 nm, 2 W, 38x220 mm, 1 x 18650 Li-Ion battery | | | | 838,00 | 891,94 | |
| RLP-808 Series with Safety Keylock 808 nm | | Status | MOQ | EUR / pc | USD / pc | |
|  | <p>IR diode laser pointer</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | | |
| RLP-808-10, 808 nm, 10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 36,25 | 38,58 | |
| RLP-808-100, 808 nm, 100 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 49,50 | 52,69 | |
| RLP-808-200, 808 nm, 200 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 67,50 | 71,84 | |
| SHP808 Series 808 nm | | Status | MOQ | EUR / pc | USD / pc | |
|  | <p>IR laser pointer, 808 nm, cw-operation, polished metal body with clip, status LED, alkaline batteries and transport case included</p> <p>808 nm</p> | | | | | |
| SHP808-100, 808 nm, <100 mW, 13 x 130 mm, 60 g, 2x 1.5V AAA battery | | | | 54,00 | 57,48 | |
| SHP808-200, 808 nm, <200 mW, 13 x 130 mm, 60 g, 2x 1.5V AAA battery | | | | 64,00 | 68,12 | |
| PIL-808 Series 808 nm | | Status | MOQ | EUR / pc | USD / pc | |
|  | <p>infrared laser pointer, 808 nm, cw-operation, black metal body with clip, status LED, security key lock system available</p> <p>808 nm</p> | | | | | |
| PIL-808-100, 808 nm, 100 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery | | | | EOL | 98,00 | 104,31 |
| PIL-808-200, 808 nm, 200 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery | | | | EOL | 116,00 | 123,47 |
| RLP-830 Series with Safety Keylock 830 nm | | Status | MOQ | EUR / pc | USD / pc | |
|  | <p>IR diode laser pointer</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | | |
| RLP-830-10, 830 nm, 10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 53,75 | 57,21 | |
| RLP-830-20, 830 nm, 20 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 59,90 | 63,76 | |
| RLP-850 Series with Safety Keylock 850 nm | | Status | MOQ | EUR / pc | USD / pc | |
|  | <p>IR diode laser pointer</p> <ul style="list-style-type: none"> - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | | |
| RLP-850-10, 850 nm, 10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 58,75 | 62,53 | |
| RLP-850-30, 850 nm, 30 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 68,30 | 72,70 | |
| LP-850 850 nm | | Status | MOQ | EUR / pc | USD / pc | |
|  | <p>IR laser pointer, cw-operation, body with clip, status LED, alkaline batteries and transport case included</p> <p>850 nm</p> | | | | | |
| LP-850-3, 850 nm, 3 mW, 11 x 137 mm, 55 g, 2x 1.5V AAA battery | | | | 42,00 | 44,70 | |


| GLP-III-980C Series 980 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | IR diode portable laser - Li-Ion rechargeable battery - Control LED - Safety Key Switch - Mechanical Shutter 980 nm | | | | |
| GLP-III-980C-1W, 980 nm, 1 W, 38x220 mm, 1 x 18650 Li-Ion battery | | | | 545,00 | 580,08 |
| GLP-III-980C-1W5, 980 nm, 1.5 W, 38x220 mm, 1 x 18650 Li-Ion battery | | | | 681,00 | 724,83 |
| GLP-III-980C-2W, 980 nm, 2 W, 38x220 mm, 1 x 18650 Li-Ion battery | | | | 838,00 | 891,94 |
| RLP-980 Series with Safety Keylock 980 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | IR diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | |
| RLP-980-10, 980 nm, 10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 38,75 | 41,24 |
| RLP-980-20C, 980 nm, 20 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 43,90 | 46,73 |
| RLP-980-20F, 980 nm, 20 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery, focused @ 2cm | | | | 43,90 | 46,73 |
| RLP-980-50C, 980 nm, 50 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 52,50 | 55,88 |
| RLP-980-50F, 980 nm, 50 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery, focused @ 2cm | | | | 52,50 | 55,88 |
| RLP-980-100, 980 nm, 100 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 58,50 | 62,27 |
| RLP-980-200, 980 nm, 200 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 127,50 | 135,71 |
| RLP-980-300, 980 nm, 300 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 136,90 | 145,71 |
| SHP980 Series 980 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | IR laser pointer, 980 nm, cw-operation, polished metal body with clip, status LED, alkaline batteries and transport case included 980 nm | | | | |
| SHP980-25, 980 nm, 25 mW, 13 x 130 mm, 60 g, 2x 1.5V AAA battery | | | | 42,00 | 44,70 |
| SHP980-25F, 980 nm, 25 mW, 13 x 130 mm, focused @ 2 cm | | | | 48,00 | 51,09 |
| PIL-980 Series 980 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | infrared laser pointer, 980 nm, cw-operation, black metal body with clip, status LED, security key lock system available 980 nm | | | | |
| PIL-980-10, 980 nm, 10 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery | | | | 143,00 | 152,20 |
| PIL-980-20, 980 nm, 20 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery | | | | 244,10 | 259,81 |
| PIL-980-50, 980 nm, 50 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery | | | | 252,70 | 268,96 |
| PIL-980-100, 980 nm, 100 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery | | | | 263,20 | 280,14 |
| PIL-980-300, 980 nm, 300 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery | | | | 284,90 | 303,24 |
| PIL-980-400, 980 nm, 400 mW, 14 x 167 mm, 85 g, 2x 1.5V AAA battery | | | | 379,80 | 404,24 |
| PIL-1064 Series 1064 nm | | Status | MOQ | EUR / pc | USD / pc |
|  | infrared laser pointer @ 1064 nm, cw-operation, black metal body with clip, status LED, security key lock system available 1064 nm | | | | |
| PIL-1064-5, 1064 nm, 5 mW, DPSS, 14 x 167 mm, 85 g, 2x 1.5V AAA battery | | | | 209,00 | 222,45 |
| PIL-1064-10, 1064 nm, 10 mW, DPSS, 14 x 167 mm, 85 g, 2x 1.5V AAA battery | | | | 209,00 | 222,45 |
| PIL-1064-20, 1064 nm, 20 mW, DPSS, 14 x 167 mm, 85 g, 2x 1.5V AAA battery | | | | 209,00 | 222,45 |
| PIL-1064-50, 1064 nm, 50 mW, DPSS, 14 x 167 mm, 85 g, 2x 1.5V AAA battery | | | | 230,00 | 244,80 |
| PIL-1064-100, 1064 nm, 100 mW, DPSS, 14 x 167 mm, 85 g, 2x 1.5V AAA battery | | | | 243,00 | 258,64 |


| RLP-1310 Series with Safety Keylock 1310 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | IR diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | |
| RLP-1310-05, 1310 nm, 5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 114,30 | 121,66 |
| RLP-1310-10, 1310 nm, 10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 126,70 | 134,85 |

| RLP-1550 Series with Safety Keylock 1550 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | IR diode laser pointer - Automatic Power Control (APC) - Control LED - Safety Keylock - transport case & batteries included - metal housing, chrome polished | | | | |
| RLP-1550-05, 1550 nm, 5 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 114,30 | 121,66 |
| RLP-1550-10, 1550 nm, 10 mW, cw, ON-LED, 75 g, 2x 1.5V AAA battery | | | | 126,70 | 134,85 |


| OEM-1550 Series 1550 nm | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | customized infrared laser pointers several wavelengths available, cw-operation batteries included | | | | |
| OEM-1550-05, 1550 nm, 5 mW, 25 x 15 x 115 mm, 50 g, 2x 1.5V AAA battery | | | | 285,00 | 303,34 |
| OEM-1550-10, 1550 nm, 10 mW, 25 x 15 x 115 mm, 50 g, 2x 1.5V AAA battery | | | | 310,00 | 329,95 |


FLASHLIGHTS - UV ↑




| Low Cost UV Checkers | | Status | MOQ | EUR / pc | USD / pc | |
|---|--|--------|-----|----------|----------|-------|
|  | reliable and handheld light sources with UV-LEDs available wavelengths 350 nm .. 405 nm | | | | | |
| RLT-283U | | | | | | |
| RLT-284U, 380 nm, 1.5-2.0 mW, slotted case head, eye safe, 3 x LR43 | | | | EOL | 10,39 | 11,06 |
| RLT-287U, 380 nm, 1.5-2.0 mW, ball point pen design, 4 x AG3 (not included) | | | | EOL | 4,99 | 5,31 |
| RLT-CHECKER-385, 385 nm, 2.0-4.0 mW, 30°, 4 x AG3 (not included) | | | | | 3,33 | 3,54 |
| AL-513UV-A, 395 nm, 5..6 mW, necklace, 11.6 x 3.1 mm, 3 x LR1130 (not included) | | | | | 5,10 | 5,43 |

| UVCHECK-380 | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | UV High power flashlight series - 380nm - 1 x 18650 Li-Ion rechargeable battery (included) - Charger included For checking of security markers in bank notes, credit cards, etc. | | | | |
| UVCHECK-3803W, UV-LED flashlight, 380 nm, 134x31 mm, 133 g | | | | 36,00 | 38,32 |

FLASHLIGHTS - WHITE ↑

| TK01 | | Status | MOQ | EUR / pc | USD / pc |
|---|---|--------|-----|----------|----------|
|  | LUMILEDS LED military grade 35 lm | | | | |
| TK01-1CR123-2AA-1W, white, 35 lm, 160 x 28 mm, CR123 or 2 x AA batteries | | | | 36,50 | 38,85 |
| TK01-2CR123-3W, white, 65 lm, 130 x 35 mm, 2 x CR123 batteries | | | | 39,90 | 42,47 |

| RLT-P2-Zoom | | Status | MOQ | EUR / pc | USD / pc |
|---|--|--------|-----|----------|----------|
|  | Small size rapid zoom focusing, changeable from long distance spot to broad room illumination, wrist strap and belt bag included 90 lm | | | | |
| RLT-P2-ZOOM, white, 90 lm, 109 x 29 mm, 78 g, 1 x AA alkaline batteries | | | | 16,80 | 17,88 |

| RLT-P4-Zoom | | Status | MOQ | EUR / pc | USD / pc |
|---|---|------------|-----|----------|----------|
|  | Rapid zoom focusing, changeable from long distance spot to broad room illumination wrist strap and belt bag included 80 lm | | | | |
| RLT-P4-ZOOM, white, 80 lm, 113 x 35 mm, 135 g, 3 x AAA alkaline batteries | | | | 21,90 | 23,31 |
| RLT-P6-Zoom | | Status | MOQ | EUR / pc | USD / pc |
|  | Rapid zoom focusing, exceptional brightness , anodized aluminium body 500 - 750 lm | | | | |
| RLT-P6-ZOOM-XPG, white, 500 lm, 199 x 42 mm, 445 g, 3 x "C" type alkaline batteries | | EOL | | 92,00 | 97,92 |
| RLT-P6-ZOOM-XML, white, 750 lm, 199 x 42 mm, 445 g, 3 x "C" type alkaline batteries | | EOL | | 123,00 | 130,92 |
| TH06 Headlight | | Status | MOQ | EUR / pc | USD / pc |
|  | TH06-1W superbright white LED headlight with LUMILEDS 1W LED, 2 x AA battery, aluminium and high quality plastic compound design, recommended for professional use | | | | |
| TH06-1W, white, max. 35 lumen, 1 W, LED, 2 x AA alkaline batteries | | | | 14,90 | 15,86 |

*PRICES: per piece, without VAT, duty unpaid, price change and printing mistake reserved!

*EOL = End of Life, not recommended for new projects

*MOQ = Minimum Order Quantity



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