

10:1 Tastteiler/Probe
HZ010
mit autom. Teilungsfaktor-Kennung/
with auto attenuation ID

Handbuch / Manual

Deutsch / English



10 : 1 Tastteiler HZ010

(mit autom. Teilungsfaktor-Kennung)

Technische Daten

Teiler-Verhältnis:	10 : 1
Bandbreite:	250 MHz
Anstiegszeit:	<1,4 ns
Eingangsimpedanz:	10 M Ω 15pF
Max. Eingangsspannung:	600 V (DC + peak AC), CAT II
Niederfrequenzkompensation:	1
Hochfrequenzkompensation:	2
Kabellänge:	ca. 1,20 m

Handhabung

Wechsel der Tastkopfspitze

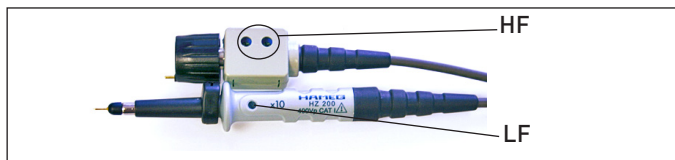
Die Tastkopfspitze herausschrauben und durch die mitgelieferte zweite auf gleiche Weise ersetzen.

Tastkopf-Abgleich 1 kHz

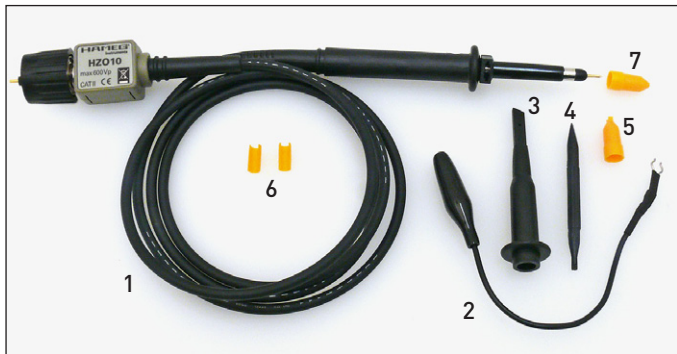
Tastkopf an 1 kHz-Rechtecksignal anlegen. LF-Trimmer auf optimale Rechteckwiedergabe einstellen.

Tastkopf-Abgleich 1 MHz

Tastkopf an 1 MHz-Rechtecksignal anlegen. HF-Trimmer auf optimale Rechteckwiedergabe einstellen.



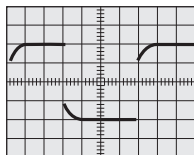
Lieferumfang



- | | | | |
|---|--------------|---|-----------------------|
| 1 | Tastkopf | 5 | IC Isolierkappe |
| 2 | Masseleitung | 6 | Identifikationskappen |
| 3 | Klemmhaken | 7 | Schutzkappe |
| 4 | Trimmstift | | |

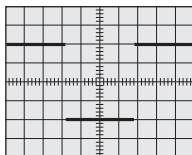
1 kHz Signal

falsch

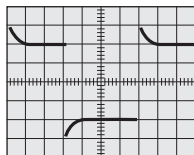


LF

richtig

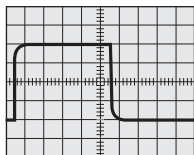


falsch



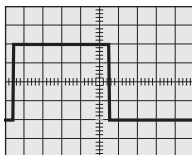
1 MHz Signal

falsch

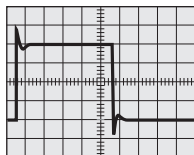


HF

richtig



falsch



10 : 1 Probe HZ010

(with auto attenuation ID)

Specifications

Attenuation ratio:	10 : 1
Bandwidth:	250 MHz
Rise time:	<1.4 ns
Input impedance:	10 M Ω 15pF
Max. Input voltage:	600 V (DC + peak AC) CAT II
LF compensation:	1
HF compensation:	2
Cable length:	approx. 1.20 m

How to use

Change of probe tip

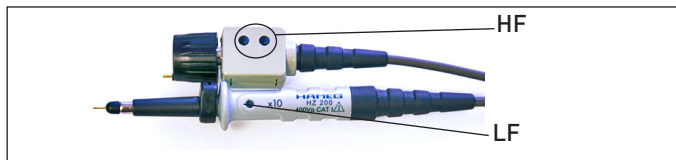
Unscrew the probe tip and replace with new item supplied.

Probe Adjustment 1 kHz

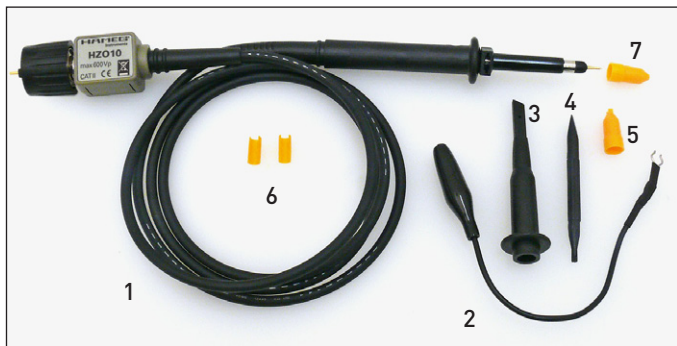
Connect probe to a 1 kHz square wave signal. Adjust LF compensation trimmer for optimum square wave response.

Probe Adjustment 1 MHz

Connect probe to a 1 MHz square wave signal. Adjust HF compensation trimmer(s) for optimum square wave response.



Included in delivery

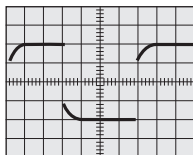


- 1 Probe
- 2 Ground lead
- 3 Retractable hook
- 4 Adjustment tool

- 5 IC Insulating cap
- 6 Identification tags
- 7 Protection cap

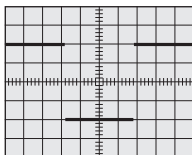
1 kHz Signal

incorrect

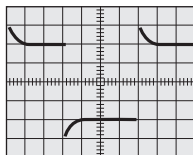


LF

correct

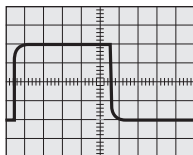


incorrect



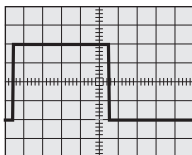
1 MHz Signal

incorrect

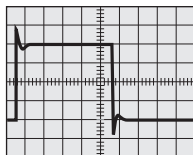


HF

correct



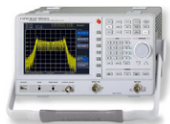
incorrect



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Spectrum Analyzer



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Programmable Instruments
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Subject to change without notice
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