FLEX® SYSTEM
For installation on top of any flooring surface

Updated
04.22.2024

CONNECTRAC®
A brand of **L┐legrand®**
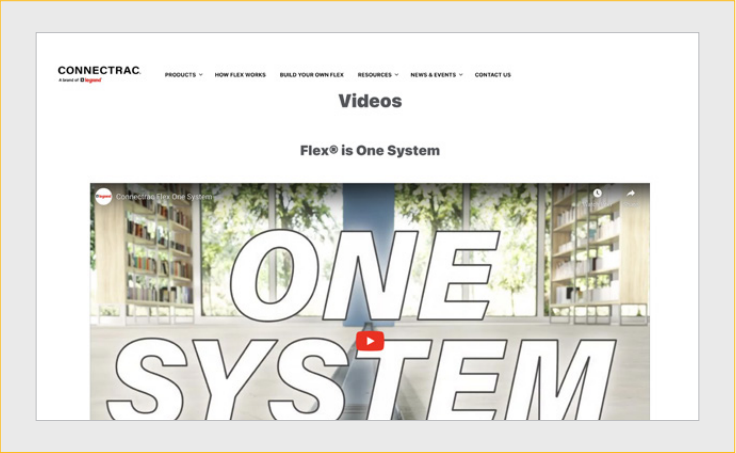
HOW WE CAN HELP

Online Videos

See how the Flex® Raceway System is built out and configured with other innovative Legrand products.

View our online video repository.
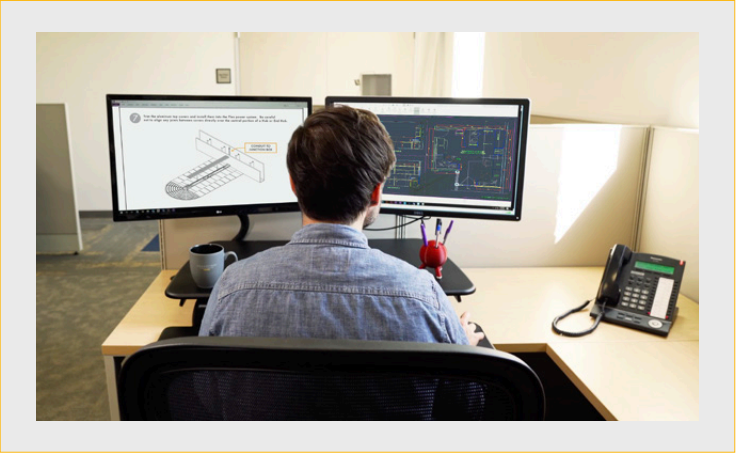
connectrac.com/home/videos

Design Team Services

Connectrac® believes in providing exceptional customer service by offering unique resources like our Design Team.

These industry specialists are available to help you specify the best Flex solution for your next project.

connectrac.com/design-services

General Info & Questions

Contact us any time! | 📞 877.480.5637 | ✉ info@connectrac.com | 🌐 connectrac.com
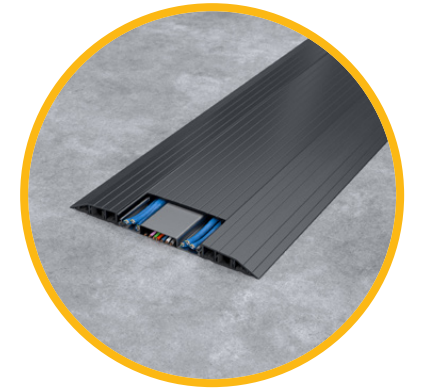
TABLE OF CONTENTS

FLEX SYSTEM
For installation on top of any flooring surface
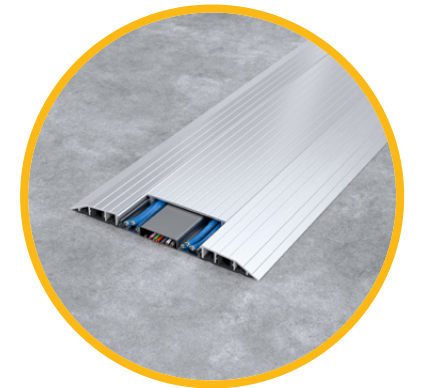
Connectrac Flex® is...

A floor-based power and data distribution system that allows users to quickly add connectivity or change power locations in a snap. Any Space. Any Building. Any Time.®

Silver finish shown here

Start Anywhere

Start a Flex run anywhere in your space - from the wall or from an open area with a 4" core hole.

Available in these finishes:

Dark Gray (DG)
Standard finish

Silver (SV)
Optional finish

*Poke-Thru and Surface-Mounted Entrance Fittings also available. Start a Flex run anywhere in your space - from the wall or from an open area with a 4" core hole.

C

Interchangeable Power Devices

Quickly snap into any Power Hub location

A

Entrance Fitting

Quick connector powers entire raceway & allows data to enter

B

Raceway

Powertrac

Pre-wired raceway segment

Power Hub

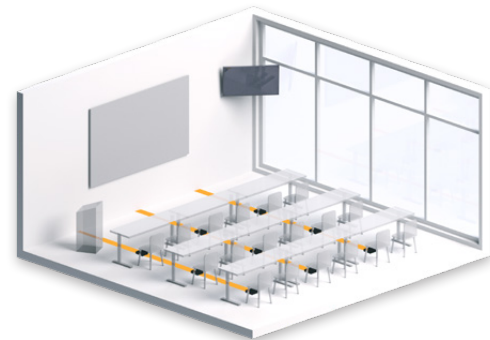Connects Powertracs & provides access for power devices

Top Cover & Transition Ramps

HOW IT WORKS

Explore the graphic to learn more about the Flex system for installation on top of any flooring surface.

C

Data Device

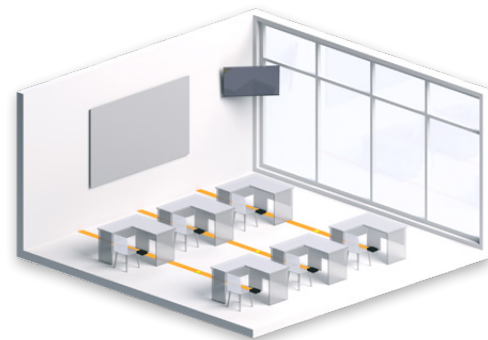Snaps into the raceway to provide data connectivity
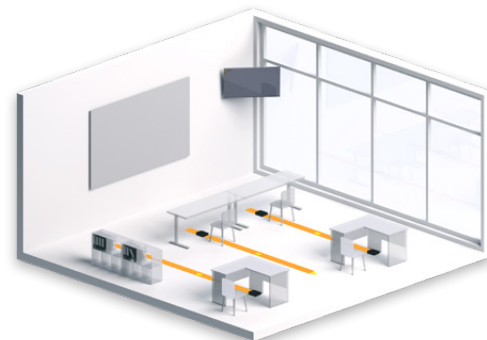
Plan Flex Raceway System

TIP: Visualize how your space might adapt and evolve over time.

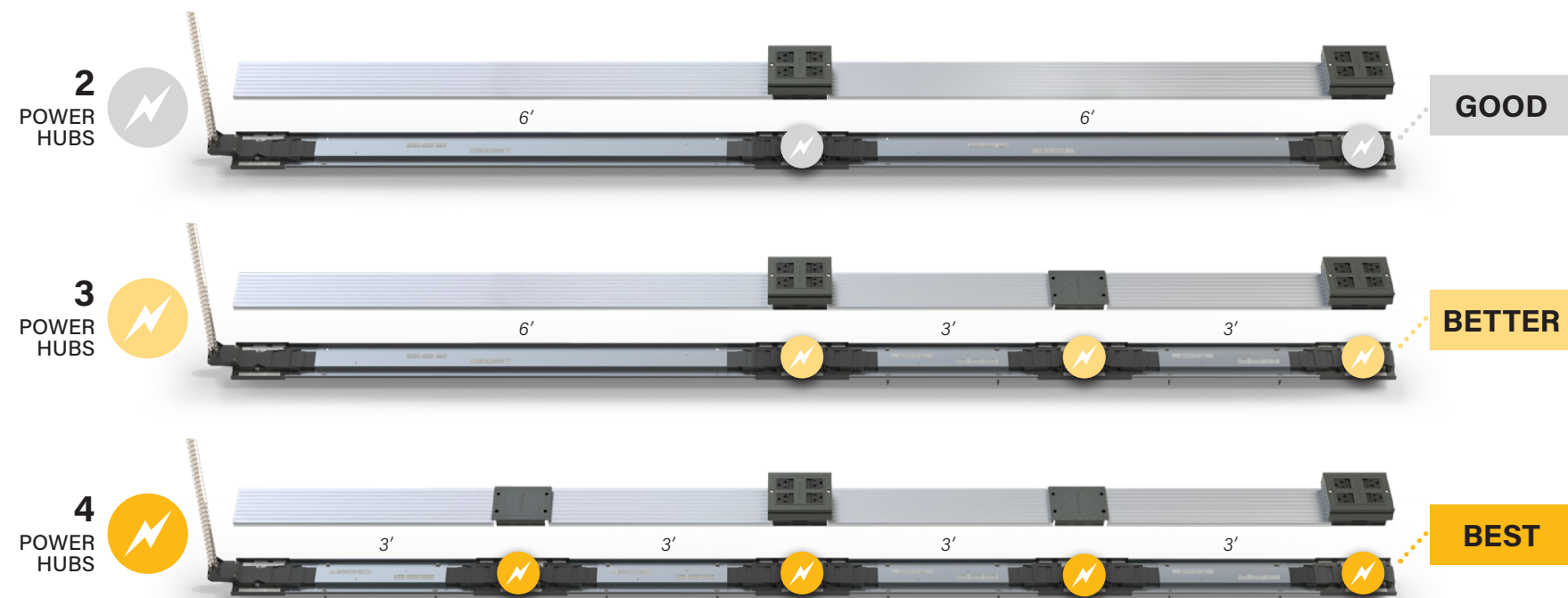What is the current use of this space?

What else might it be used for in the future?

How might furniture be rearranged?

Optimize Your Raceway

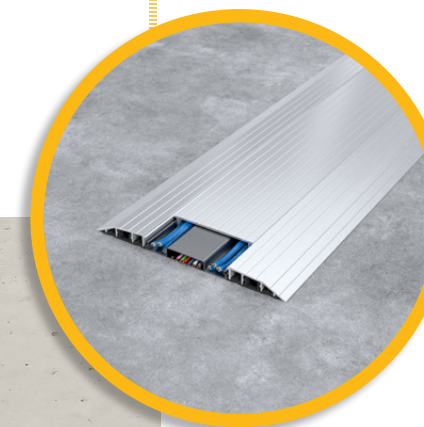Increase your system's adaptability by adding *more* points of power access.

2 POWER HUBS — 6′ — 6′ — **GOOD**

3 POWER HUBS — 6′ — 3′ — 3′ — **BETTER**

4 POWER HUBS — 3′ — 3′ — 3′ — 3′ — 3′ — **BEST**

⚡ *Power Hubs = access points for power devices*

TIP: For greater flexibility at minimal cost, add more Power Hubs and connect shorter Powertracs.

Where is power being supplied from?

Wall or Poke-Thru

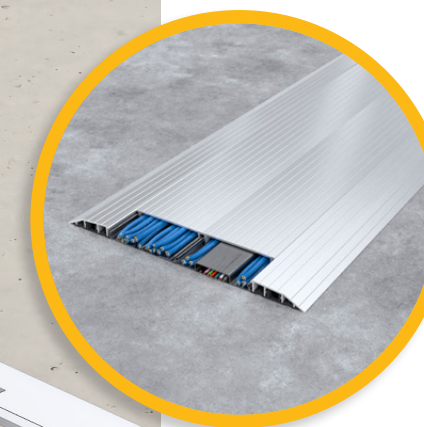## How much data do you need?

0-4 cables

Typical for conference rooms

Turn to Next Page

5-14 cables

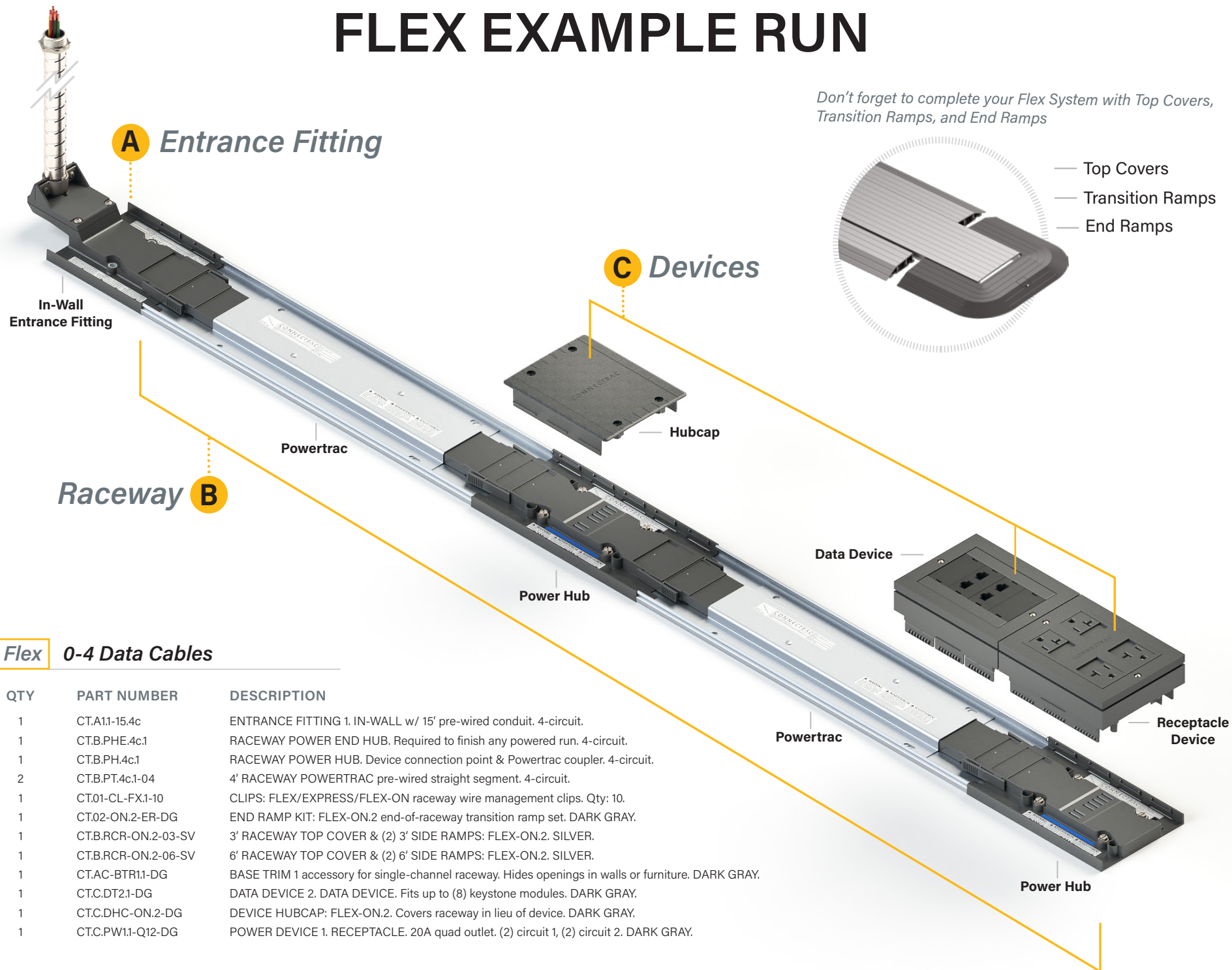*Typical for up to 7 workstations*

Turn to Page 16

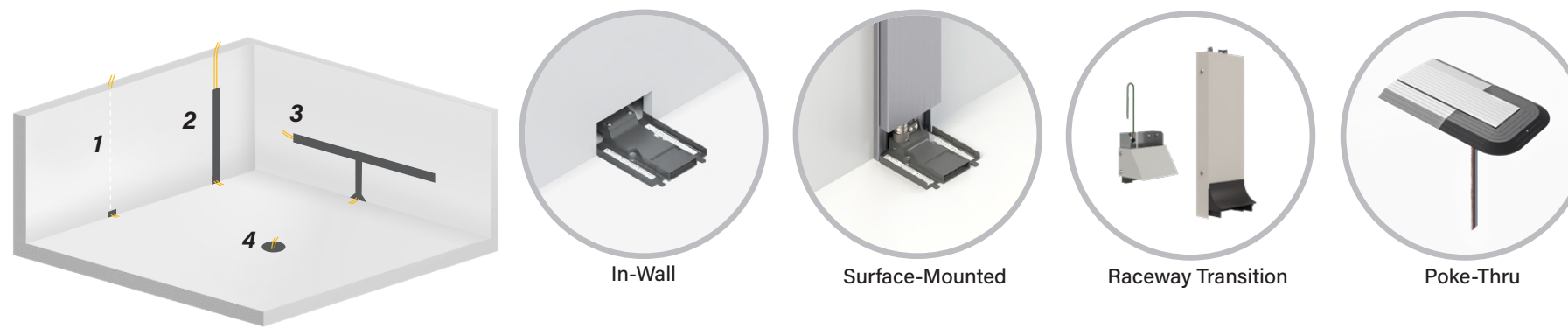### 15-24 cables

Typical for up to 12 workstations

Turn to Page 22

FLEX EXAMPLE RUN

A Entrance Fitting

In-Wall
Entrance Fitting

Don't forget to complete your Flex System with Top Covers, Transition Ramps, and End Ramps

— Top Covers
— Transition Ramps
— End Ramps

Powertrac

C Devices

Hubcap

Raceway B

Power Hub

Data Device

Powertrac

Power Hub

Receptacle Device

Flex | 0-4 Data Cables

QTY	PART NUMBER	DESCRIPTION
1	CT.A1.1-15.4c	ENTRANCE FITTING 1. IN-WALL w/ 15' pre-wired conduit. 4-circuit.
1	CT.B.PHE.4c.1	RACEWAY POWER END HUB. Required to finish any powered run. 4-circuit.
1	CT.B.PH.4c.1	RACEWAY POWER HUB. Device connection point & Powertrac coupler. 4-circuit.
2	CT.B.PT.4c.1-04	4' RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.
1	CT.01-CL-FX.1-10	CLIPS: FLEX/EXPRESS/FLEX-ON raceway wire management clips. Qty: 10.
1	CT.02-ON.2-ER-DG	END RAMP KIT: FLEX-ON.2 end-of-raceway transition ramp set. DARK GRAY.
1	CT.B.RCR-ON.2-03-SV	3' RACEWAY TOP COVER & (2) 3' SIDE RAMPS: FLEX-ON.2. SILVER.
1	CT.B.RCR-ON.2-06-SV	6' RACEWAY TOP COVER & (2) 6' SIDE RAMPS: FLEX-ON.2. SILVER.
1	CT.AC-BTR1.1-DG	BASE TRIM 1 accessory for single-channel raceway. Hides openings in walls or furniture. DARK GRAY.
1	CT.C.DT2.1-DG	DATA DEVICE 2. DATA DEVICE. Fits up to (8) keystone modules. DARK GRAY.
1	CT.C.DHC-ON.2-DG	DEVICE HUBCAP: FLEX-ON.2. Covers raceway in lieu of device. DARK GRAY.
1	CT.C.PW1.1-Q12-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) circuit 2. DARK GRAY.

A Entrance Fitting
Choose where your Flex raceway will draw power from: Wall or Open Floor Space

Entrance Fittings

1 2 3 4
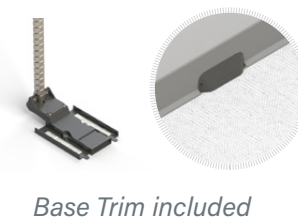
In-Wall   Surface-Mounted   Raceway Transition   Poke-Thru

DESCRIPTION

1. In-Wall Entrance Fitting
Use when cabling is running INSIDE the wall:

15' pre-wired conduit
30' pre-wired conduit

Base Trim included

2. Surface-Mounted Entrance Fitting
Use when cabling is running OUTSIDE the wall:

3' pre-wired conduit, 2' Walltrac
15' pre-wired conduit, 12' Walltrac
30' pre-wired conduit, 12' Walltrac

TIP: Use 3' pre-wired conduit, 2' Walltrac to connect to existing wall outlet boxes.

Transition accessories included

*Walltrac only available in silver

3. Raceway Transition Entrance Fitting
Use when cabling is running OUTSIDE the wall, THROUGH a 2400 or 4000 series raceway:

Raceway Entrance Fitting with 3' pre-wired conduit, 4 circuit

4. Poke-Thru Entrance Fitting
Use when cabling is in the CENTER of a space:

4" Poke-Thru Transition and compatible On-Floor Poke-Thru Entrance Fitting. Available for Powertracs and Datatracs in both Silver and Dark Gray finishes.
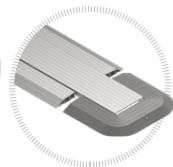
A
Wall Entrance Fitting

FLEX 0-4 Data Cables

B *Raceway*

Continue to build your raceways by connecting Powertracs and Power Hubs.
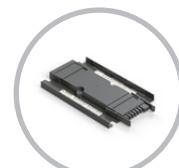
Powertracs

Powertrac

Complete your system with Top Covers, Transition Ramps, and End Ramps

DESCRIPTION

Powertrac
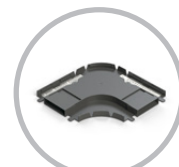*Pre-wired raceway segments available in multiple finishes and standard lengths:*

2' Powertrac
3' Powertrac
4' Powertrac
5' Powertrac
6' Powertrac

Dark Gray
Standard finish

Silver
Optional finish

Powertrac Extender

Powertrac Extender
Adds 6" to any of our standard Powertrac lengths

Powertrac Corner

Powertrac Corner
Allows raceway to make a 90° turn

Power Hub

DESCRIPTION

Power Hub
Connects Powertracs & provides access for power devices

Power Hub

TIP: For greater flexibility at minimal cost, add more Power Hubs and connect shorter Powertracs.

B

4' Powertrac*   Power Hub   4' Powertrac*   Power Hub

*Powertrac measurements are based on the on-center distance between the Entrance Fitting and/or Power Hubs.
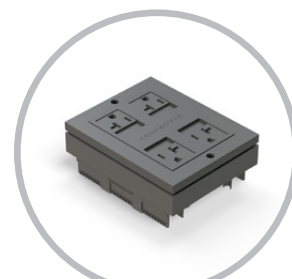

C *Devices*

Equip your Flex raceway system with power & data devices.
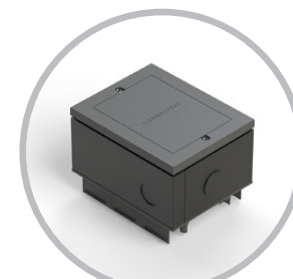
Power Devices

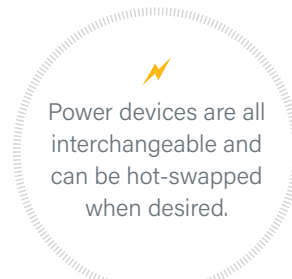Choose which devices (if any) you want to snap into your Power Hubs.

Hubcap

Receptacle Device

Hardware Device

Power devices are all interchangeable and can be hot-swapped when desired.

Hubcap
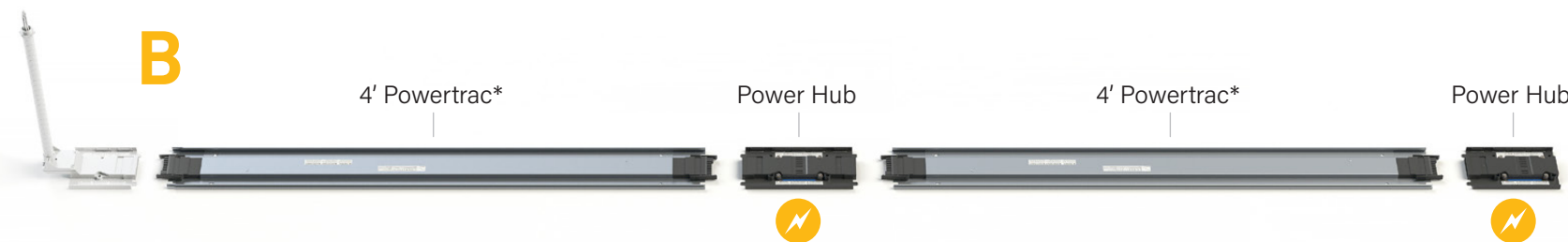*Creates a walkable surface and makes power easily accessible for future needs*

Receptacle Device
Quad device available in various 4-circuit options:

All circuit 1
All circuit 2
All circuit 3
All circuit 4
2-circuit 1, 2-circuit 2*
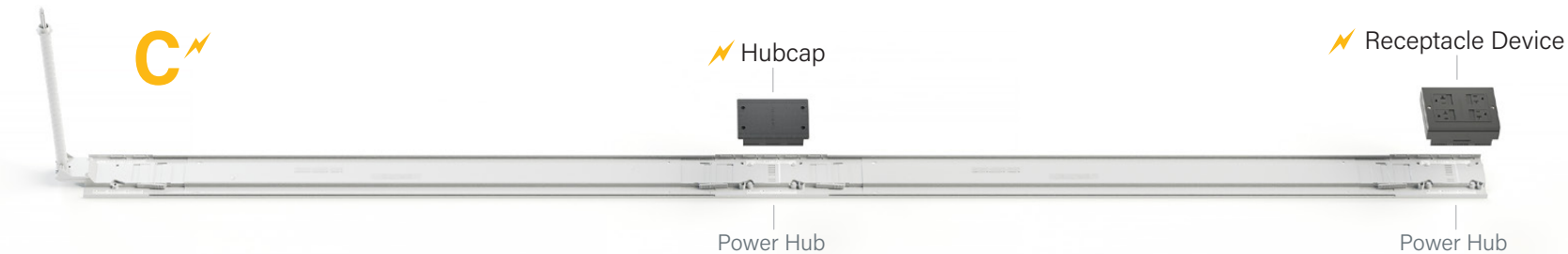2-circuit 3, 2-circuit 4*
2-circuit 1, 2-circuit 4*

Controlled devices available (see Technical Guide for more details)

Hardwire Device
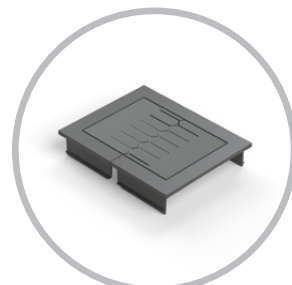*4-circuit monument that connects to most furniture base feeds*

C

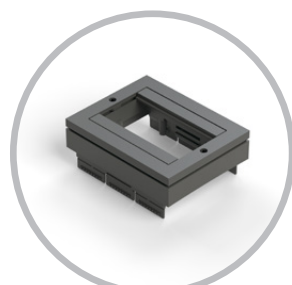

Hubcap   Receptacle Device

Power Hub   Power Hub

C Devices
Equip your Flex raceway system with power & data devices.

▽ Data Devices
These devices go anywhere on the raceway.

Grommet

Data Device

▽ *Data devices easily snap next to any power device.*

DESCRIPTION

Grommet
Allows cables to enter/exit raceway

Data Device
Fits up to 8 low-voltage keystone modules

C ▽

▽ Data Device

Optional Accessories
Enhance your raceways with these additional options.

Accessories

DESCRIPTION

Vertical Wire Manager
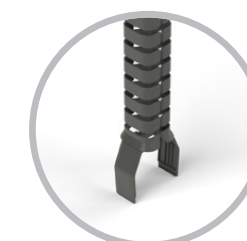*Attaches to any power or data device to manage cabling*
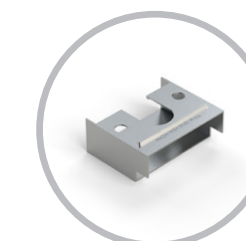
Rough-In Frame
Installed before drywall to provide a rough opening for cabling

Extra Hubcap
Creates a walkable surface and makes power easily accessible for future needs
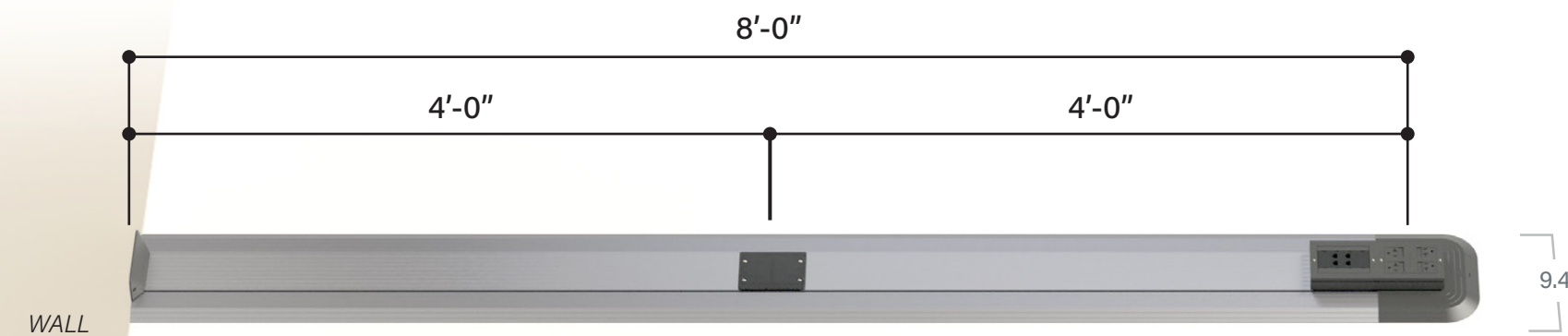
Vertical Wire Manager

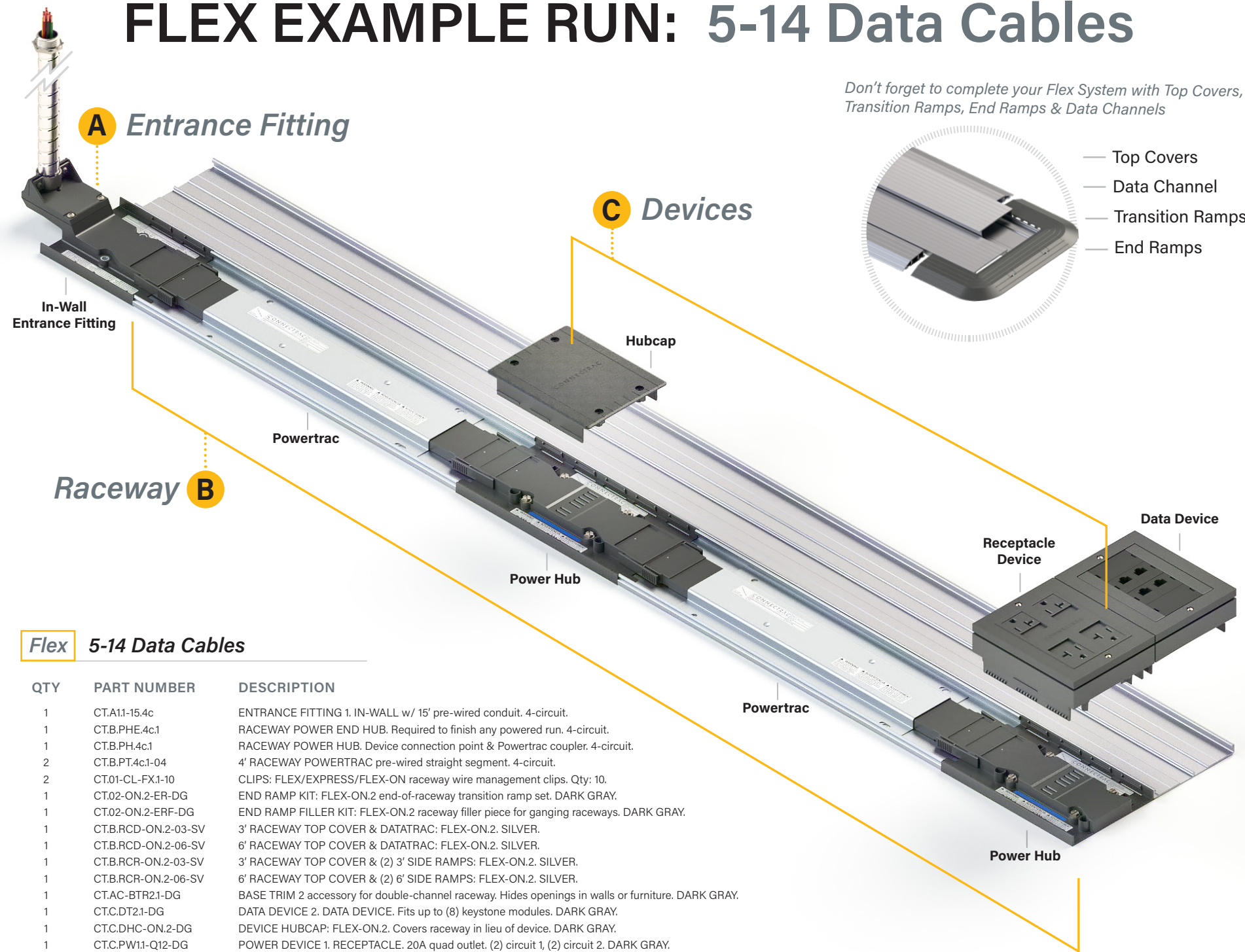Rough-In Frame

Extra Hubcap

Complete Raceway
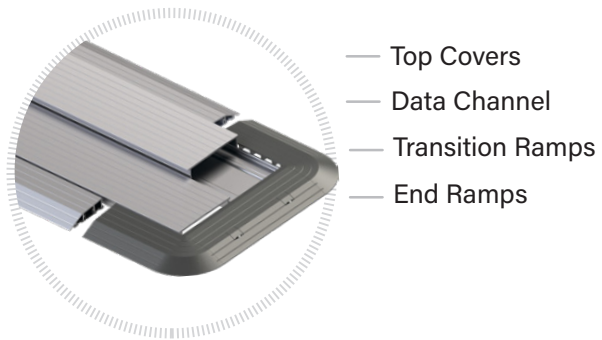Shown with Top Covers, Transition Ramps, and End Ramps installed.

8'-0"

4'-0"   4'-0"

9.4"

WALL

Silver finish shown here

FLEX EXAMPLE RUN: 5-14 Data Cables

A Entrance Fitting

In-Wall Entrance Fitting

Raceway **B**

Powertrac

Power Hub

Powertrac

Power Hub

C Devices

Hubcap

Receptacle Device

Data Device

Don't forget to complete your Flex System with Top Covers, Transition Ramps, End Ramps & Data Channels

— Top Covers
— Data Channel
— Transition Ramps
— End Ramps

Flex | 5-14 Data Cables

QTY	PART NUMBER	DESCRIPTION
1	CT.A1.1-15.4c	ENTRANCE FITTING 1. IN-WALL w/ 15' pre-wired conduit. 4-circuit.
1	CT.B.PHE.4c.1	RACEWAY POWER END HUB. Required to finish any powered run. 4-circuit.
1	CT.B.PH.4c.1	RACEWAY POWER HUB. Device connection point & Powertrac coupler. 4-circuit.
2	CT.B.PT.4c.1-04	4' RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.
2	CT.01-CL-FX.1-10	CLIPS: FLEX/EXPRESS/FLEX-ON raceway wire management clips. Qty: 10.
1	CT.02-ON.2-ER-DG	END RAMP KIT: FLEX-ON.2 end-of-raceway transition ramp set. DARK GRAY.
1	CT.02-ON.2-ERF-DG	END RAMP FILLER KIT: FLEX-ON.2 raceway filler piece for ganging raceways. DARK GRAY.
1	CT.B.RCD-ON.2-03-SV	3' RACEWAY TOP COVER & DATATRAC: FLEX-ON.2. SILVER.
1	CT.B.RCD-ON.2-06-SV	6' RACEWAY TOP COVER & DATATRAC: FLEX-ON.2. SILVER.
1	CT.B.RCR-ON.2-03-SV	3' RACEWAY TOP COVER & (2) 3' SIDE RAMPS: FLEX-ON.2. SILVER.
1	CT.B.RCR-ON.2-06-SV	6' RACEWAY TOP COVER & (2) 6' SIDE RAMPS: FLEX-ON.2. SILVER.
1	CT.AC-BTR21-DG	BASE TRIM 2 accessory for double-channel raceway. Hides openings in walls or furniture. DARK GRAY.
1	CT.C.DT2.1-DG	DATA DEVICE 2. DATA DEVICE. Fits up to (8) keystone modules. DARK GRAY.
1	CT.C.DHC-ON.2-DG	DEVICE HUBCAP: FLEX-ON.2. Covers raceway in lieu of device. DARK GRAY.
1	CT.C.PW1.1-Q12-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) circuit 2. DARK GRAY.

A **Entrance Fitting** Choose where your Flex raceway will draw power from: Wall or Open Floor Space

Entrance Fittings

1 2 3 4

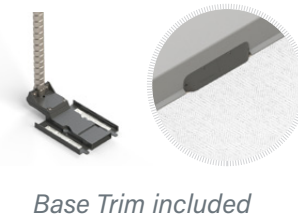In-Wall   Surface-Mounted   Raceway Transition   Poke-Thru

DESCRIPTION

1. In-Wall Entrance Fitting
Use when cabling is running INSIDE the wall:

15' pre-wired conduit
30' pre-wired conduit

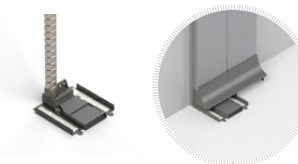*Base Trim included*

2. Surface-Mounted Entrance Fitting
Use when cabling is running OUTSIDE the wall:

3' pre-wired conduit, 2' Walltrac
15' pre-wired conduit, 12' Walltrac
30' pre-wired conduit, 12' Walltrac

TIP: Use 3' pre-wired conduit, 2' Walltrac to connect to existing wall outlet boxes.

Transition accessories included

*Walltrac only available in silver

3. Raceway Transition Entrance Fitting
Use when cabling is running OUTSIDE the wall, THROUGH a 2400 or 4000 series raceway:

Raceway Entrance Fitting with 3' pre-wired conduit, 4 circuit

4. Poke-Thru Entrance Fitting
Use when cabling is in the CENTER of a space:

4" Poke-Thru Transition and compatible On-Floor Poke-Thru Entrance Fitting. Available for Powertracs and Datatracs in both Silver and Dark Gray finishes.

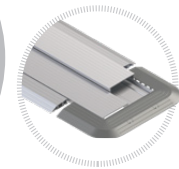**A** Wall Entrance Fitting

FLEX 5-14 Data Cables

B Raceway

Continue to build your raceways by connecting Powertracs and Power Hubs.

Powertracs

Powertrac

Complete your system with Top Covers, Transition Ramps, End Ramps & Data Channels

DESCRIPTION

Powertrac
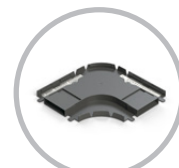*Pre-wired raceway segments available in multiple finishes and standard lengths:*

2' Powertrac	Dark Gray
3' Powertrac	*Standard finish*
4' Powertrac	Silver
5' Powertrac	*Optional finish*
6' Powertrac	

Powertrac Extender

Powertrac Extender
Adds 6" to any of our standard Powertrac lengths

Powertrac Corner

Powertrac Corner
Allows raceway to make a 90° turn

Datatrac Corner included

Power Hub

DESCRIPTION

Power Hub
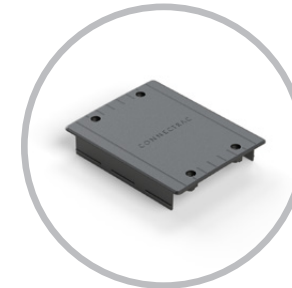*Connects Powertracs & provides access for power devices*

Power Hub

TIP: For greater flexibility at minimal cost, add more Power Hubs and connect shorter Powertracs.

B

4' Powertrac*   Power Hub   4' Powertrac*   Power Hub

Powertrac measurements are based on the on-center distance between the Entrance Fitting and/or Power Hubs.
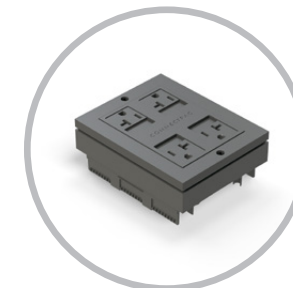

C Devices

Equip your Flex raceway system with power & data devices.
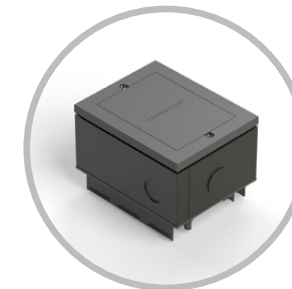
Power Devices

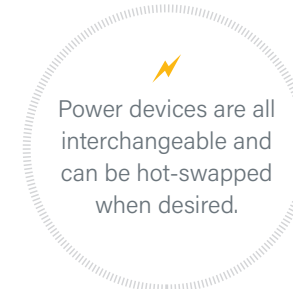Choose which devices (if any) you want to snap into your Power Hubs.

Hubcap

Receptacle Device

Hardware Device

Power devices are all interchangeable and can be hot-swapped when desired.

Hubcap
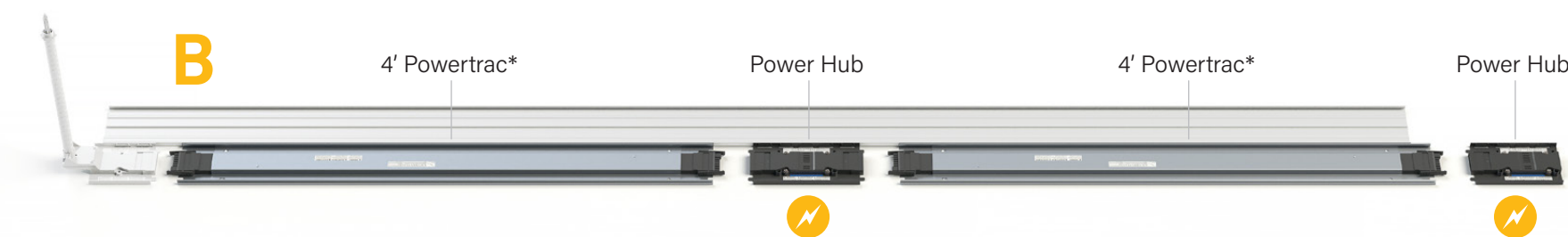*Creates a walkable surface and makes power easily accessible for future needs*

Receptacle Device
Quad device available in various 4-circuit options:

All circuit 1
All circuit 2
All circuit 3
All circuit 4
2-circuit 1, 2-circuit 2*
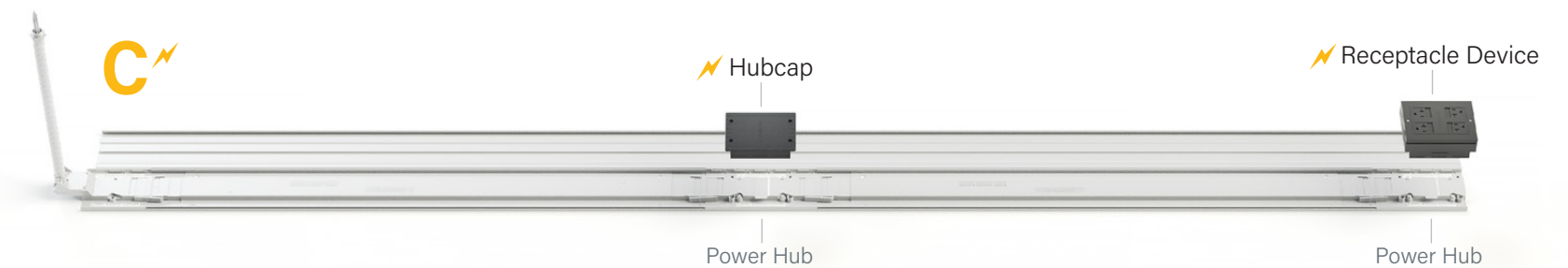2-circuit 3, 2-circuit 4*
2-circuit 1, 2-circuit 4*

*Controlled devices available (see Technical Guide for more details)

Hardwire Device
4-circuit monument that connects to most furniture base feeds

C   Hubcap   Receptacle Device
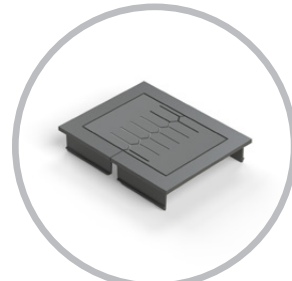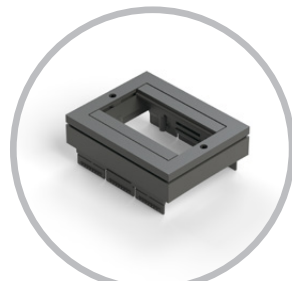
Power Hub   Power Hub

C Devices

Equip your Flex raceway system with power & data devices.

▽ Data Devices *These devices go anywhere on the raceway.*

Grommet

Data Device

▽ *Data Devices easily snap next to any Power Device.*

DESCRIPTION

Grommet
Allows cables to enter/exit raceway

Data Device
Fits up to 8 low-voltage keystone modules

C ▽

▽ Data Device

13.4"

Optional Accessories

Enhance your raceways with these additional options.

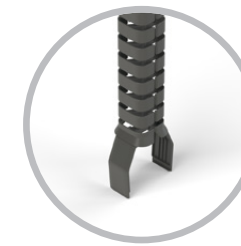**Accessories**

DESCRIPTION

Vertical Wire Manager
Attaches to any power or data device to manage cabling
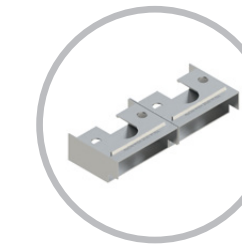
Rough-In Frame
Installed before drywall to provide a rough opening for cabling
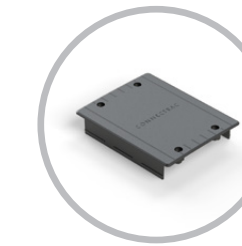
Extra Hubcap
Creates a walkable surface and makes power easily accessible for future needs
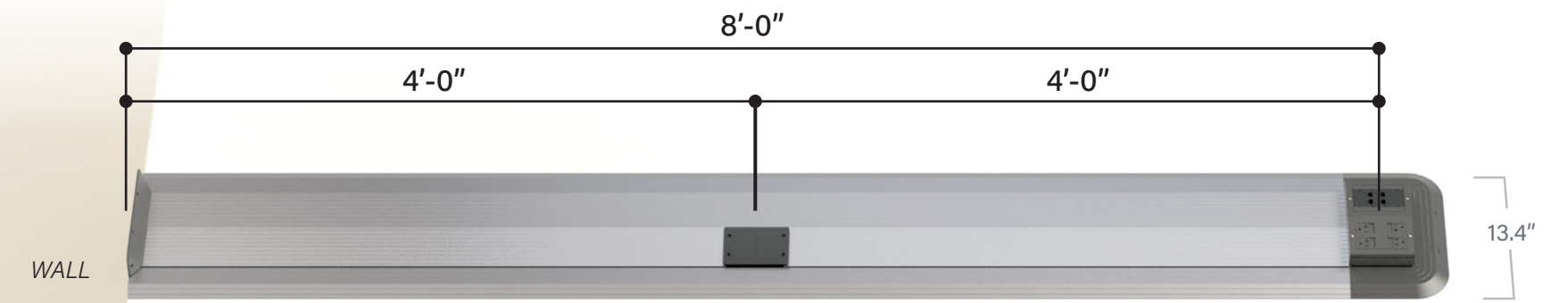

Vertical Wire Manager

Rough-In Frame

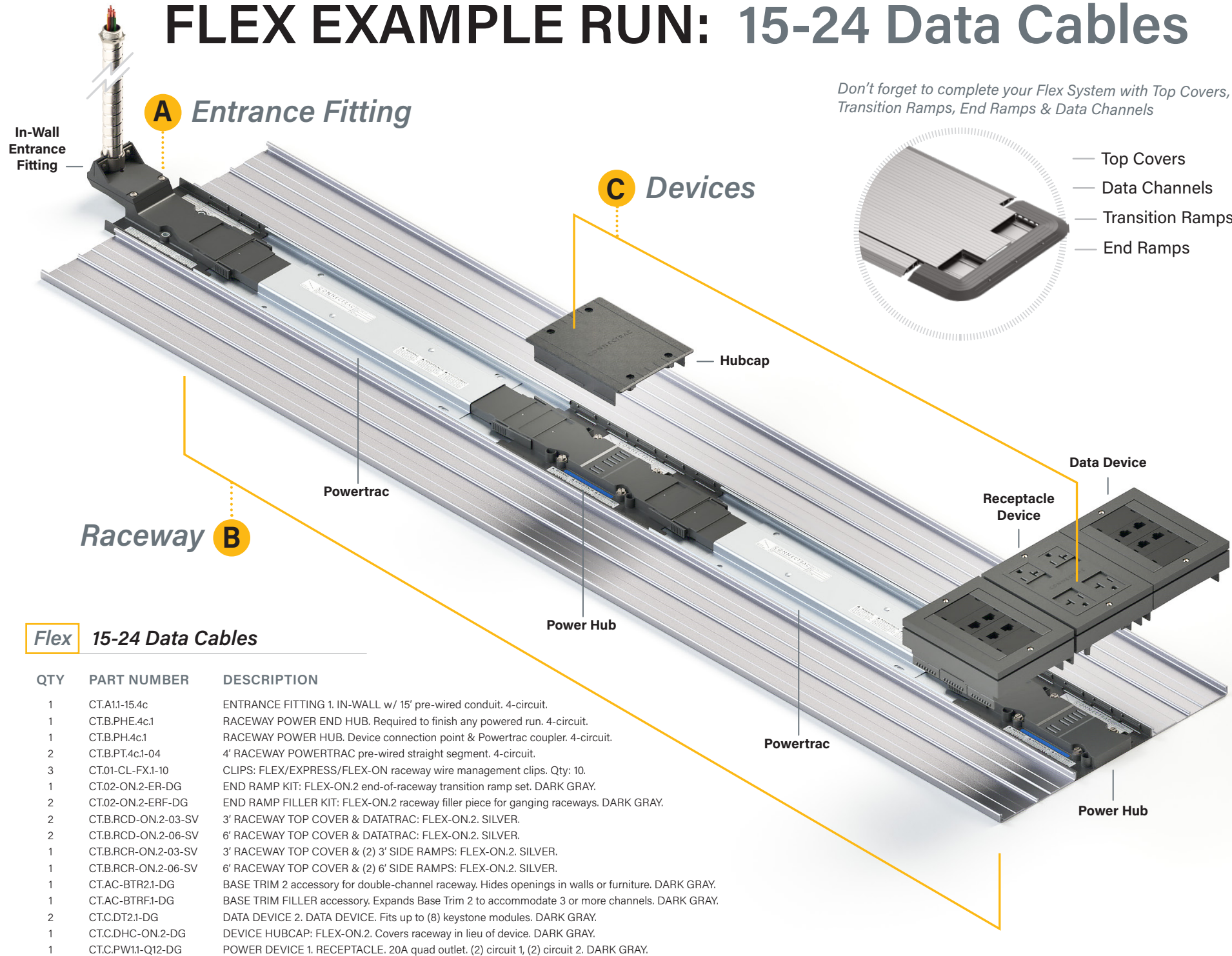Extra Hubcap

Complete Raceway

Shown with Top Covers, Transition Ramps, and End Ramps installed.

8'-0"

4'-0"   4'-0"

WALL

13.4"

Silver finish shown here

FLEX EXAMPLE RUN: 15-24 Data Cables

A *Entrance Fitting*

In-Wall Entrance Fitting

Don't forget to complete your Flex System with Top Covers, Transition Ramps, End Ramps & Data Channels

C *Devices*

— Top Covers
— Data Channels
— Transition Ramps
— End Ramps

Hubcap

Data Device

Receptacle Device

Powertrac

Power Hub

Raceway **B**

Powertrac

Power Hub

Flex 15-24 Data Cables

QTY	PART NUMBER	DESCRIPTION
1	CT.A1.1-15.4c	ENTRANCE FITTING 1. IN-WALL w/ 15' pre-wired conduit. 4-circuit.
1	CT.B.PHE.4c.1	RACEWAY POWER END HUB. Required to finish any powered run. 4-circuit.
1	CT.B.PH.4c.1	RACEWAY POWER HUB. Device connection point & Powertrac coupler. 4-circuit.
2	CT.B.PT.4c.1-04	4' RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.
3	CT.01-CL-FX.1-10	CLIPS: FLEX/EXPRESS/FLEX-ON raceway wire management clips. Qty: 10.
1	CT.02-ON.2-ER-DG	END RAMP KIT: FLEX-ON.2 end-of-raceway transition ramp set. DARK GRAY.
2	CT.02-ON.2-ERF-DG	END RAMP FILLER KIT: FLEX-ON.2 raceway filler piece for ganging raceways. DARK GRAY.
2	CT.B.RCD-ON.2-03-SV	3' RACEWAY TOP COVER & DATATRAC: FLEX-ON.2. SILVER.
2	CT.B.RCD-ON.2-06-SV	6' RACEWAY TOP COVER & DATATRAC: FLEX-ON.2. SILVER.
1	CT.B.RCR-ON.2-03-SV	3' RACEWAY TOP COVER & (2) 3' SIDE RAMPS: FLEX-ON.2. SILVER.
1	CT.B.RCR-ON.2-06-SV	6' RACEWAY TOP COVER & (2) 6' SIDE RAMPS: FLEX-ON.2. SILVER.
1	CT.AC-BTR2.1-DG	BASE TRIM 2 accessory for double-channel raceway. Hides openings in walls or furniture. DARK GRAY.
1	CT.AC-BTRF1-DG	BASE TRIM FILLER accessory. Expands Base Trim 2 to accommodate 3 or more channels. DARK GRAY.
2	CT.C.DT2.1-DG	DATA DEVICE 2. DATA DEVICE. Fits up to (8) keystone modules. DARK GRAY.
1	CT.C.DHC-ON.2-DG	DEVICE HUBCAP: FLEX-ON.2. Covers raceway in lieu of device. DARK GRAY.
1	CT.C.PW1.1-Q12-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) circuit 2. DARK GRAY.

A *Entrance Fitting* Choose where your Flex raceway will draw power from: Wall or Open Floor Space

Entrance Fittings

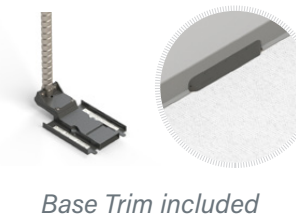In-Wall   Surface-Mounted   Raceway Transition   Poke-Thru

DESCRIPTION

1. In-Wall Entrance Fitting
Use when cabling is running INSIDE the wall:

15' pre-wired conduit
30' pre-wired conduit

Base Trim included

2. Surface-Mounted Entrance Fitting
Use when cabling is running OUTSIDE the wall:

3' pre-wired conduit, 2' Walltrac
15' pre-wired conduit, 12' Walltrac
30' pre-wired conduit, 12' Walltrac

TIP: Use 3' pre-wired conduit, 2' Walltrac to connect to existing wall outlet boxes.

Transition accessories included

*Walltrac only available in silver

3. Raceway Transition Entrance Fitting
Use when cabling is running OUTSIDE the wall, THROUGH a 2400 or 4000 series raceway:

Raceway Entrance Fitting with
3' pre-wired conduit, 4 circuit

4. Poke-Thru Entrance Fitting
Use when cabling is in the CENTER of a space:

4" Poke-Thru Transition and compatible On-Floor Poke-Thru Entrance Fitting. Available for Powertracs and Datatracs in both Silver and Dark Gray finishes.

A Wall Entrance Fitting

B Raceway

Continue to build your raceways by connecting Powertracs and Power Hubs.

Powertracs

Powertrac

Complete your system with Top Covers, Transition Ramps, End Ramps & Data Channels

DESCRIPTION

Powertrac
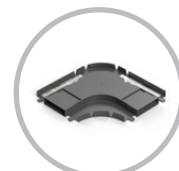*Pre-wired raceway segments available in multiple finishes and standard lengths:*

2' Powertrac
3' Powertrac
4' Powertrac
5' Powertrac
6' Powertrac

Dark Gray
Standard finish

Silver
Optional finish

Powertrac Extender

Powertrac Extender
Adds 6" to any of our standard Powertrac lengths

Powertrac Corner

Powertrac Corner
Allows raceway to make a 90° turn

Datatrac Corners included

Power Hub

DESCRIPTION

Power Hub
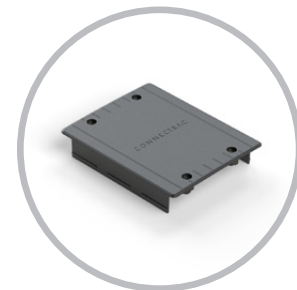*Connects Powertracs & provides access for power devices*

Power Hub

TIP: For greater flexibility at minimal cost, add more Power Hubs and connect shorter Powertracs.

B 4' Powertrac*   Power Hub   4' Powertrac*   Power Hub

*Powertrac measurements are based on the on-center distance between the Entrance Fitting and/or Power Hubs.
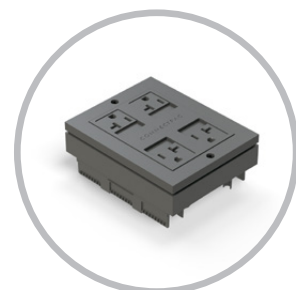
C Devices

Equip your Flex raceway system with power & data devices.
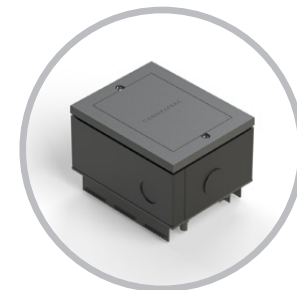
Power Devices

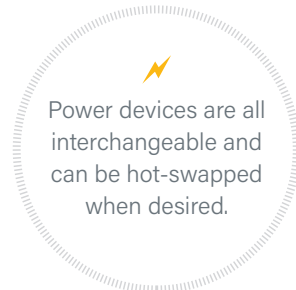Choose which devices (if any) you want to snap into your Power Hubs.

Hubcap

Receptacle Device

Hardwire Device

Power devices are all interchangeable and can be hot-swapped when desired.

Hubcap
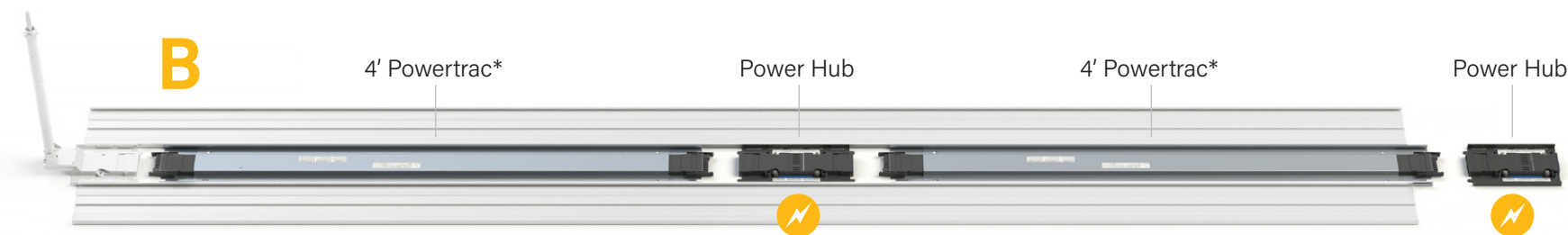*Creates a walkable surface and makes power easily accessible for future needs*

Receptacle Device
Quad device available in various 4-circuit options:

All circuit 1
All circuit 2
All circuit 3
All circuit 4
2-circuit 1, 2-circuit 2*
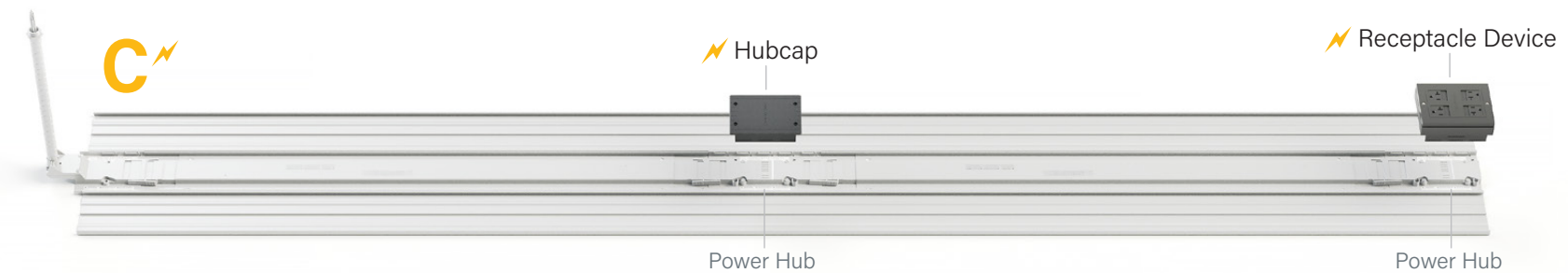2-circuit 3, 2-circuit 4*
2-circuit 1, 2-circuit 4*

*Controlled devices available (see Technical Guide for more details)

Hardwire Device
4-circuit monument that connects to most furniture base feeds

C   Hubcap   Receptacle Device
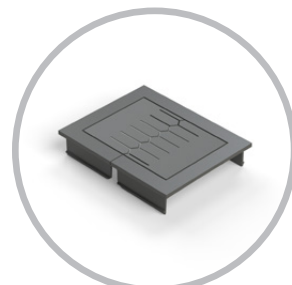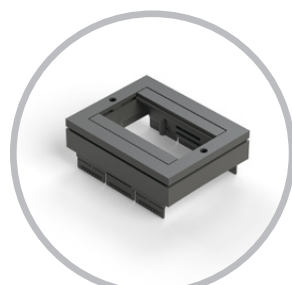
Power Hub   Power Hub

C Devices
Equip your Flex raceway system with power & data devices.

▽ Data Devices *These devices go anywhere on the raceway.*

Grommet   Data Device

▽ Data devices easily snap next to any power device.

DESCRIPTION

Grommet
Allows cables to enter/exit raceway

Data Device
Fits up to 8 low-voltage keystone modules

C ▽

▽ Data Devices

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Optional Accessories
Enhance your raceways with these additional options.

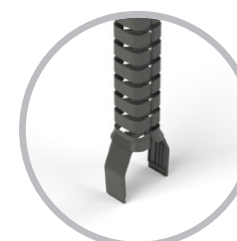**Accessories**

DESCRIPTION

Vertical Wire Manager
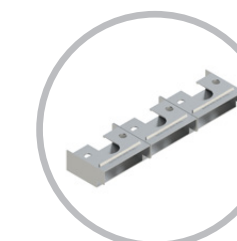*Attaches to any power or data device to manage cabling*

Rough-In Frame
Installed before drywall to provide a rough opening for cabling
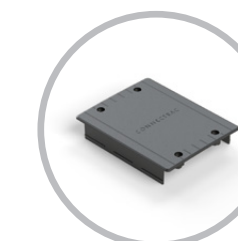
Extra Hubcap
Creates a walkable surface and makes power easily accessible for future needs
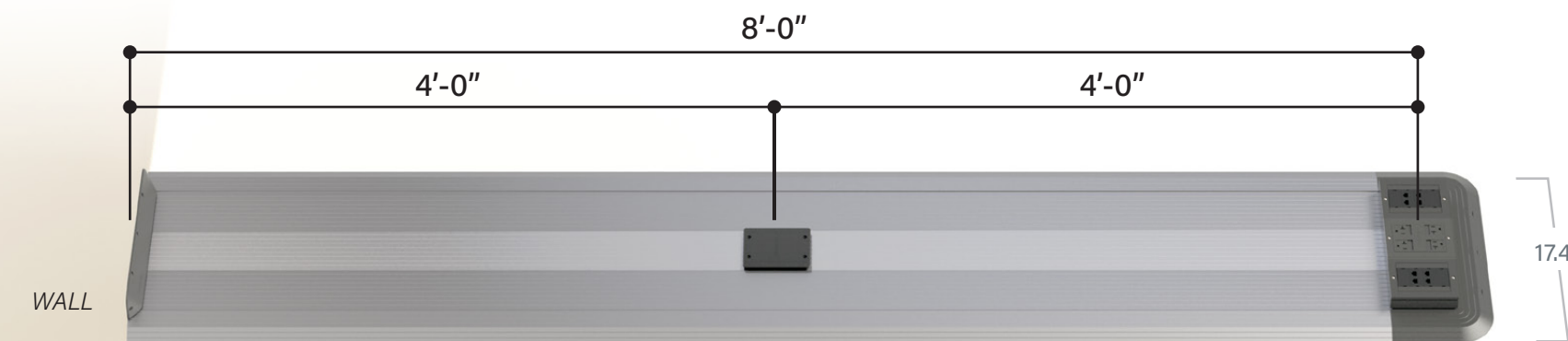
Vertical Wire Manager   Rough-In Frame   Extra Hubcap

Complete Raceway
Shown with Top Covers, Transition Ramps, and End Ramps installed.

8'-0"
4'-0"   4'-0"
17.4"

WALL

Silver finish shown here

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CONNECTRAC.
A brand of **legrand**

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Dallas, Texas 75247
1.877.480.5637
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