SPEC GUIDE

FLEX® SYSTEM

For installation on top of any flooring surface

Updated
08.23.2023

CONNECTRAC®
A brand of legrand®

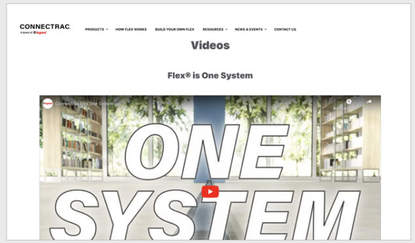
HOW WE CAN HELP

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

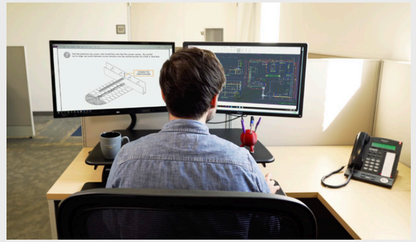


Design Team Services

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

What is Flex®?	Pg 4
How it Works	Pg 6
Get Started	Pg 8
Flex Data Capacity	Pg 9

FLEX SYSTEM
For installation on top of any flooring surface

Connectrac Flex® is...

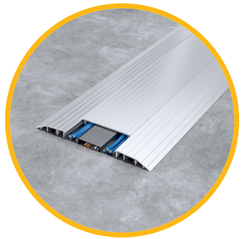
A floor-based power and data distribution system that allows users to quickly add connectivity or change power locations in a snap. Any Space. Any Building. Any Time.®

Start Anywhere

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

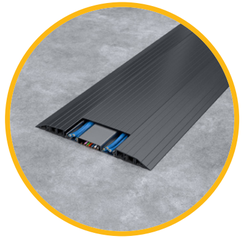
*Silver finish shown here

Available in these finishes:



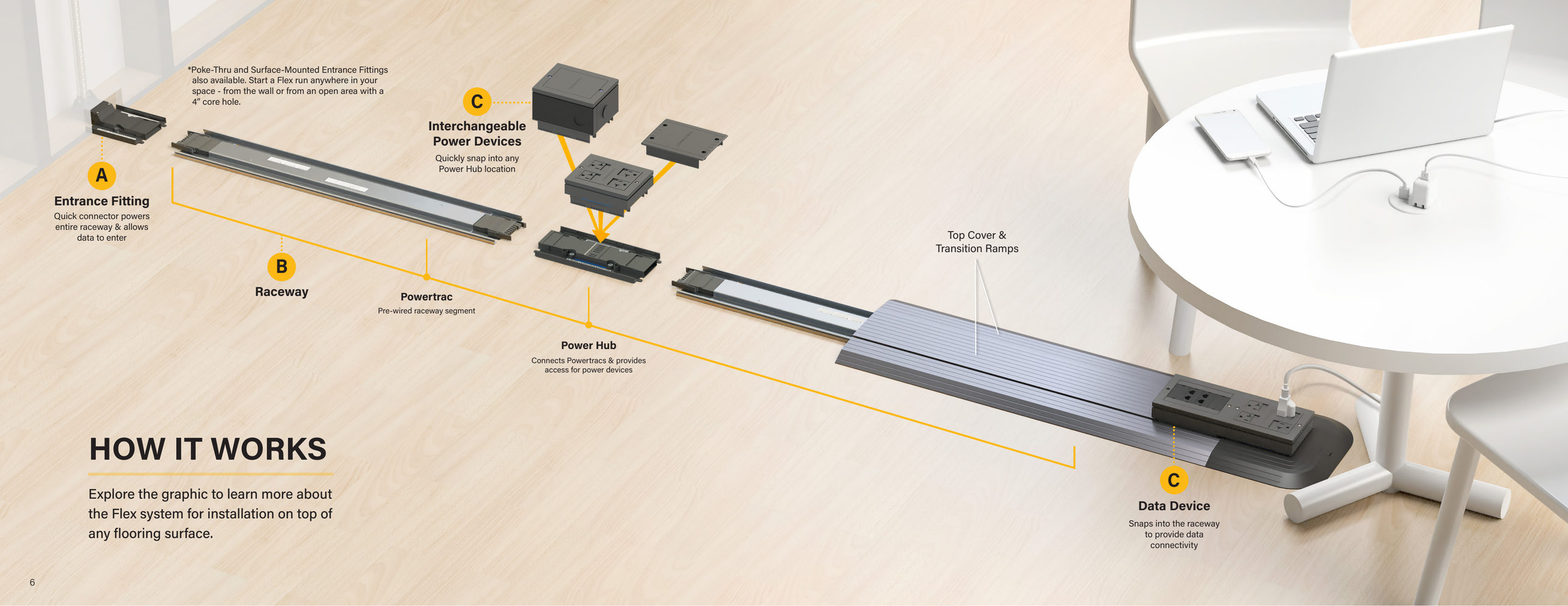
Silver (SV)

Standard finish



Dark Gray (DG)

Optional finish

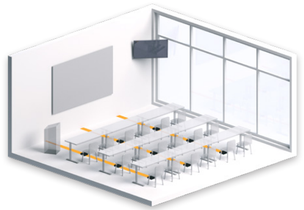


HOW IT WORKS

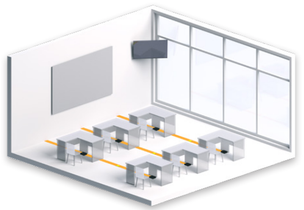
Explore the graphic to learn more about the Flex system for installation on top of any flooring surface.

Plan Flex Raceway System

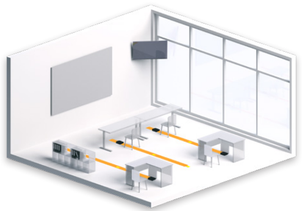
TIP: Visualize how your space might adapt and evolve over time.



What is the current use of this space?



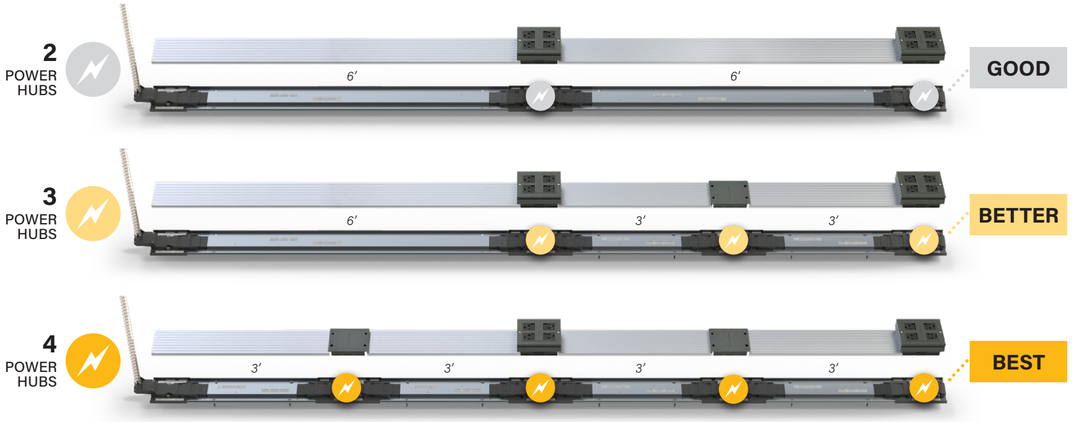
What else might it be used for in the future?



How might furniture be rearranged?

Optimize Your Raceway

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



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?

0-6 cables

Typical for conference rooms

Turn to Next Page

7-24 cables

Typical for up to 12 workstations

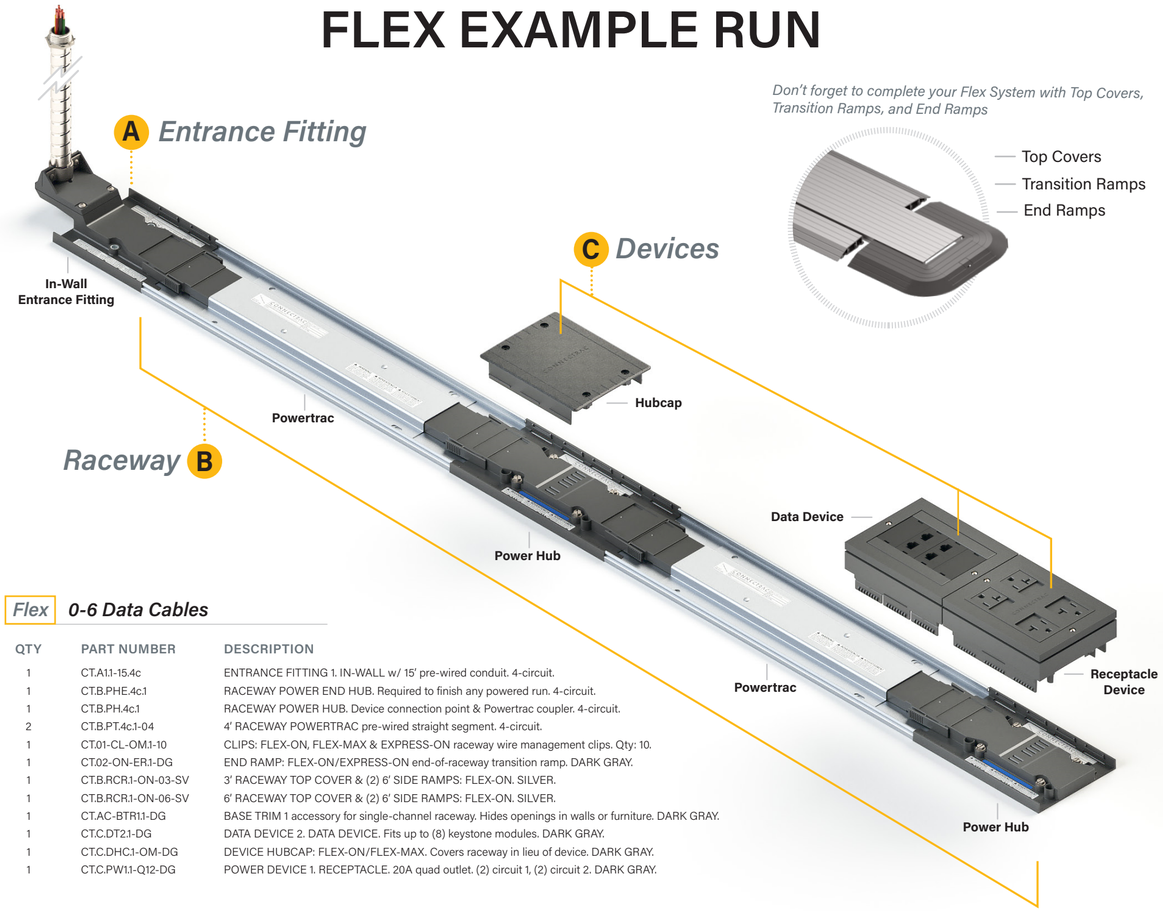
Turn to Page 16

25-42 cables

Typical for up to 21 workstations

Turn to Page 22

FLEX EXAMPLE RUN



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

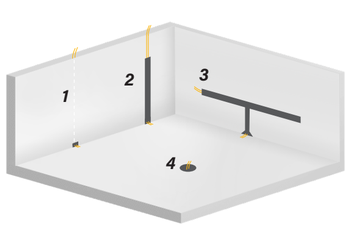
Flex 0-6 Data Cables

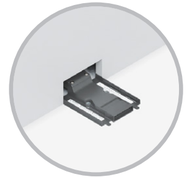
QTY	PART NUMBER	DESCRIPTION
1	CT.A.1-15.4c	ENTRANCE FITTING 1. IN-WALL w/ 15' pre-wired conduit. 4-circuit.
1	CT.B.PHE.4c.1	RACEWAY POWER END HUB. Required to finish any powered run. 4-circuit.
1	CT.B.PH.4c.1	RACEWAY POWER HUB. Device connection point & Powertrac coupler. 4-circuit.
2	CT.B.PT.4c.1-04	4' RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.
1	CT.01-CL-OM.1-10	CLIPS: FLEX-ON, FLEX-MAX & EXPRESS-ON raceway wire management clips. Qty: 10.
1	CT.02-ON-ER.1-DG	END RAMP: FLEX-ON/EXPRESS-ON end-of-raceway transition ramp. DARK GRAY.
1	CT.B.RCR.1-ON-03-SV	3' RACEWAY TOP COVER & (2) 6' SIDE RAMPS: FLEX-ON. SILVER.
1	CT.B.RCR.1-ON-06-SV	6' RACEWAY TOP COVER & (2) 6' SIDE RAMPS: FLEX-ON. 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.1-OM-DG	DEVICE HUBCAP: FLEX-ON/FLEX-MAX. 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

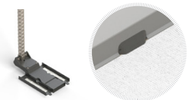
Poke-Thru

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

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.

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

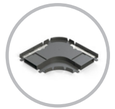
Silver
Standard finish

Dark Gray
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

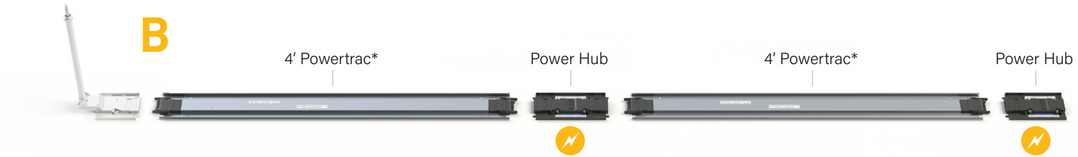
DESCRIPTION

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.



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

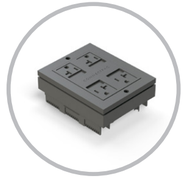
C Devices

Equip your Flex raceway system with power & data devices.

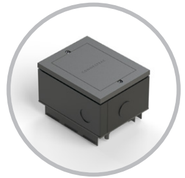
Power Devices

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

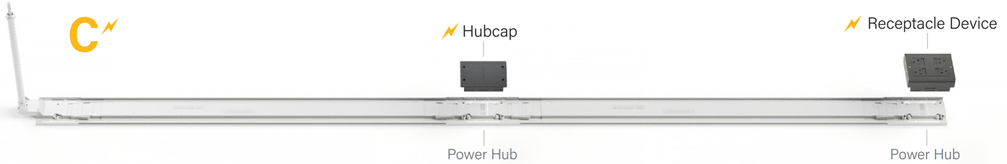
Quad device available in various 4-circuit options:

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

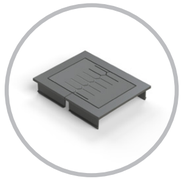
4-circuit monument that connects to most furniture base feeds



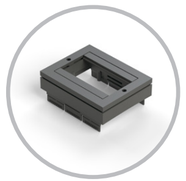
C Devices

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

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

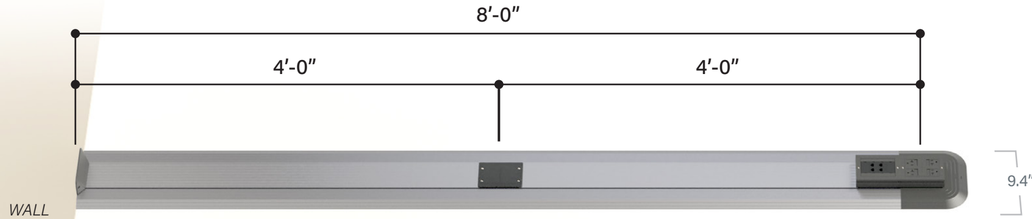
Vertical Wire Manager

Rough-In Frame

Extra Hubcap

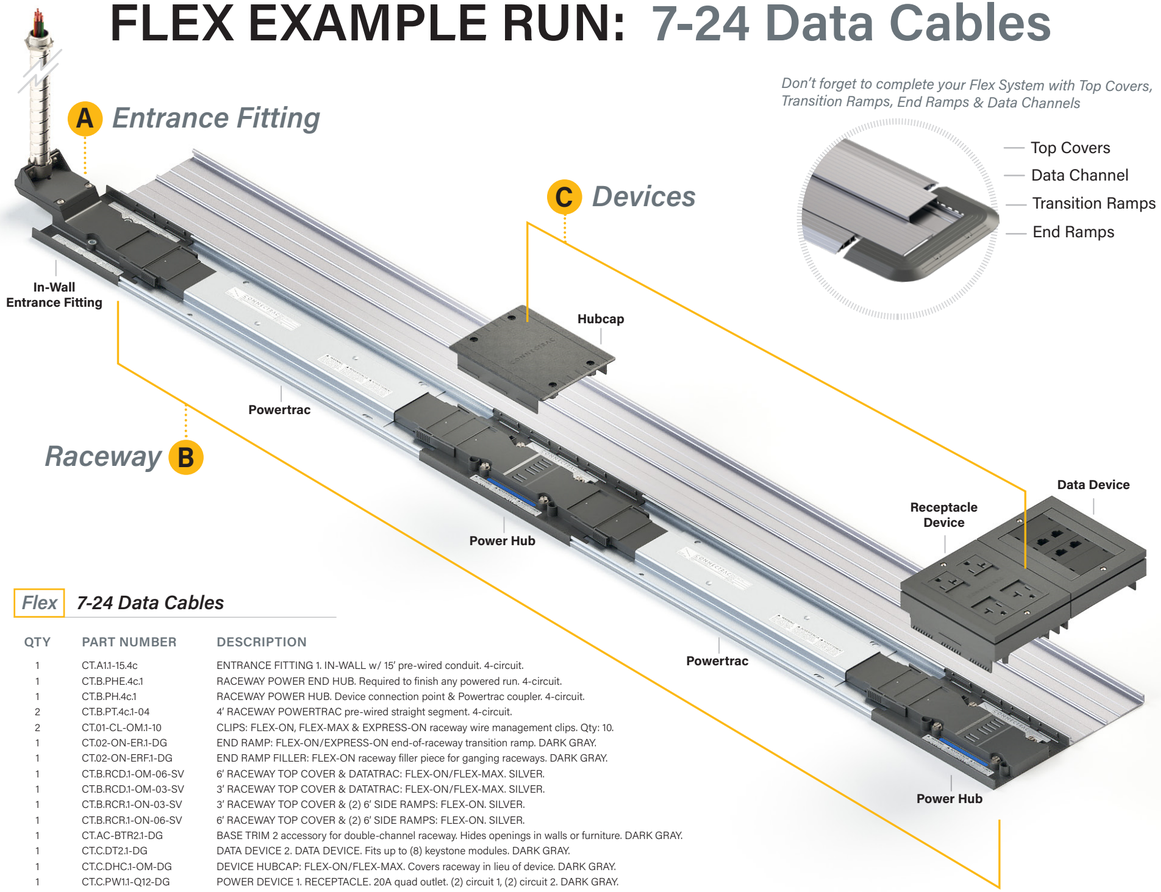
Complete Raceway

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



**Silver finish shown here*

FLEX EXAMPLE RUN: 7-24 Data Cables



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

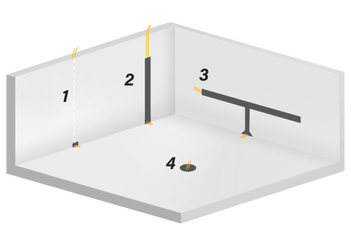
Flex *7-24 Data Cables*

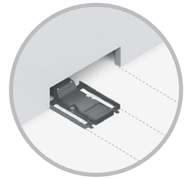
QTY	PART NUMBER	DESCRIPTION
1	CT.A1.1-15.4c	ENTRANCE FITTING 1. IN-WALL w/ 15' pre-wired conduit. 4-circuit.
1	CT.B.PHE.4c.1	RACEWAY POWER END HUB. Required to finish any powered run. 4-circuit.
1	CT.B.PH.4c.1	RACEWAY POWER HUB. Device connection point & Powertrac coupler. 4-circuit.
2	CT.B.PT.4c.1-04	4' RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.
2	CT.01-CL-OM.1-10	CLIPS: FLEX-ON, FLEX-MAX & EXPRESS-ON raceway wire management clips. Qty: 10.
1	CT.02-ON-ER.1-DG	END RAMP: FLEX-ON/EXPRESS-ON end-of-raceway transition ramp. DARK GRAY.
1	CT.02-ON-ERF.1-DG	END RAMP FILLER: FLEX-ON raceway filler piece for ganging raceways. DARK GRAY.
1	CT.B.RCD.1-OM-06-SV	6' RACEWAY TOP COVER & DATATRAC: FLEX-ON/FLEX-MAX. SILVER.
1	CT.B.RCD.1-OM-03-SV	3' RACEWAY TOP COVER & DATATRAC: FLEX-ON/FLEX-MAX. SILVER.
1	CT.B.RCR.1-ON-03-SV	3' RACEWAY TOP COVER & (2) 6' SIDE RAMPS: FLEX-ON. SILVER.
1	CT.B.RCR.1-ON-06-SV	6' RACEWAY TOP COVER & (2) 6' SIDE RAMPS: FLEX-ON. 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.C.DT2.1-DG	DATA DEVICE 2. DATA DEVICE. Fits up to (8) keystone modules. DARK GRAY.
1	CT.C.DHC.1-OM-DG	DEVICE HUBCAP: FLEX-ON/FLEX-MAX. 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

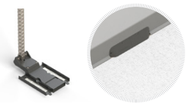
Poke-Thru

DESCRIPTION

1. In-Wall Entrance Fitting

Use when cabling is running INSIDE the wall:

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



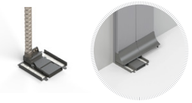
Base Trim included

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

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:

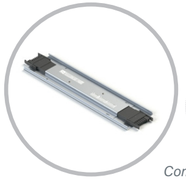
4" Poke-Thru Transition and compatible On-Floor Poke-Thru Entrance Fitting. Available for Powertracs and Datatracs in both Silver and Dark Gray finishes.

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

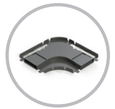
Silver
Standard finish

Dark Gray
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 Corner included

Power Hub

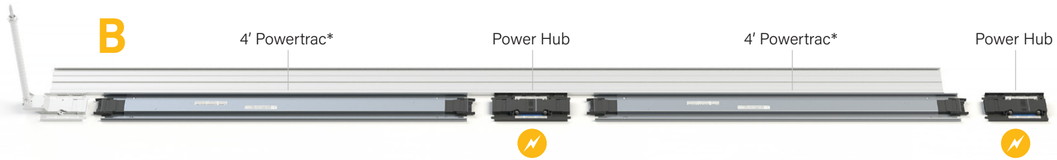
DESCRIPTION

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.



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

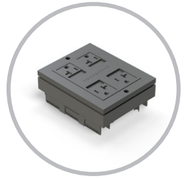
C Devices

Equip your Flex raceway system with power & data devices.

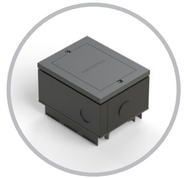
Power Devices

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

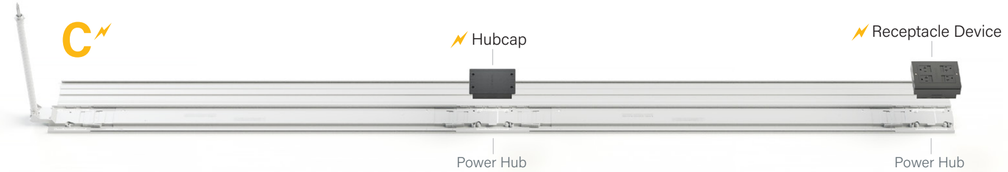
Quad device available in various 4-circuit options:

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

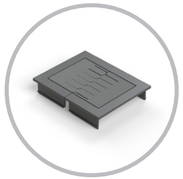
4-circuit monument that connects to most furniture base feeds



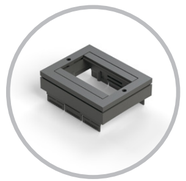
C Devices

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

Optional Accessories

Enhance your raceways with these additional options.

Accessories

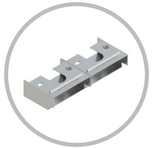
DESCRIPTION

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

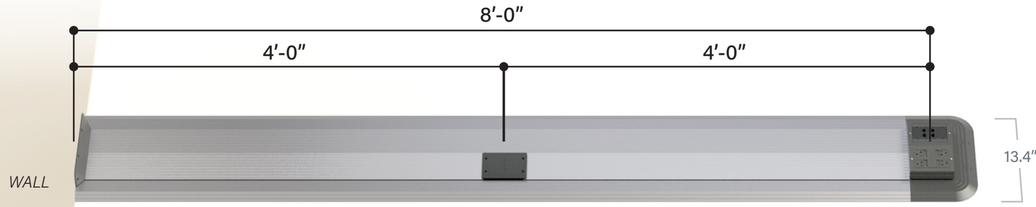


Rough-In Frame

Extra Hubcap

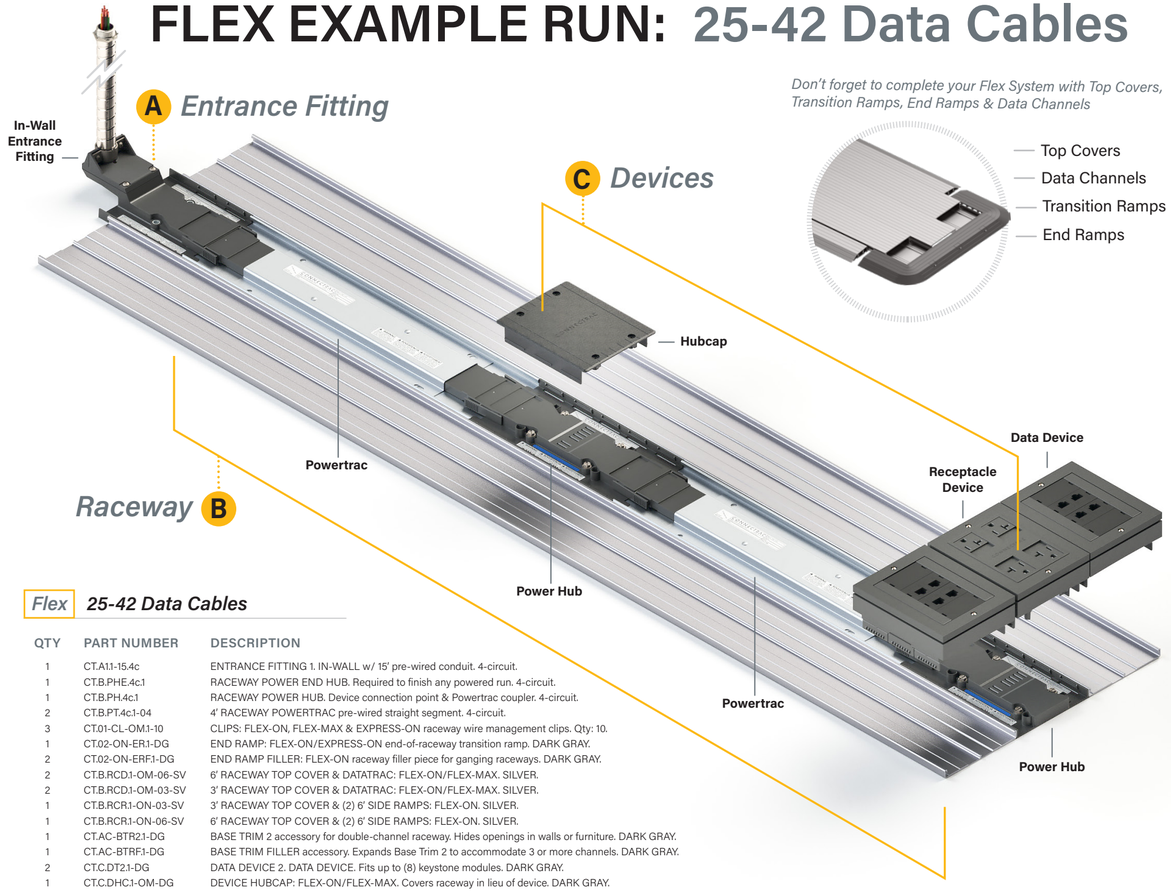
Complete Raceway

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



**Silver finish shown here*

FLEX EXAMPLE RUN: 25-42 Data Cables



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

- Top Covers
- Data Channels
- Transition Ramps
- End Ramps

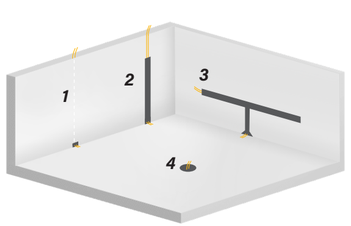
Flex *25-42 Data Cables*

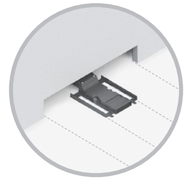
QTY	PART NUMBER	DESCRIPTION
1	CT.A1.1-15.4c	ENTRANCE FITTING 1. IN-WALL w/ 15' pre-wired conduit. 4-circuit.
1	CT.B.PHE.4c.1	RACEWAY POWER END HUB. Required to finish any powered run. 4-circuit.
1	CT.B.PH.4c.1	RACEWAY POWER HUB. Device connection point & Powertrac coupler. 4-circuit.
2	CT.B.PT.4c.1-04	4' RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.
3	CT.01-CL-OM.1-10	CLIPS: FLEX-ON, FLEX-MAX & EXPRESS-ON raceway wire management clips. Qty: 10.
1	CT.02-ON-ER.1-DG	END RAMP: FLEX-ON/EXPRESS-ON end-of-raceway transition ramp. DARK GRAY.
2	CT.02-ON-ERF.1-DG	END RAMP FILLER: FLEX-ON raceway filler piece for ganging raceways. DARK GRAY.
2	CT.B.RCD.1-OM-06-SV	6' RACEWAY TOP COVER & DATATRAC: FLEX-ON/FLEX-MAX. SILVER.
2	CT.B.RCD.1-OM-03-SV	3' RACEWAY TOP COVER & DATATRAC: FLEX-ON/FLEX-MAX. SILVER.
1	CT.B.RCR.1-ON-03-SV	3' RACEWAY TOP COVER & (2) 6' SIDE RAMPS: FLEX-ON. SILVER.
1	CT.B.RCR.1-ON-06-SV	6' RACEWAY TOP COVER & (2) 6' SIDE RAMPS: FLEX-ON. 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-BTRF.1-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.1-OM-DG	DEVICE HUBCAP: FLEX-ON/FLEX-MAX. Covers raceway in lieu of device. DARK GRAY.
1	CT.C.PW11-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

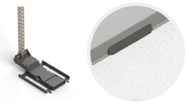
Poke-Thru

DESCRIPTION

1. In-Wall Entrance Fitting

Use when cabling is running INSIDE the wall:

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



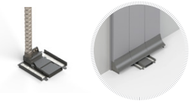
Base Trim included

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

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

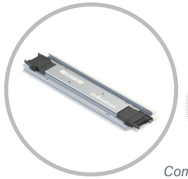
Use when cabling is in the CENTER of a space:

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

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

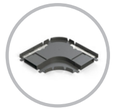
Silver
Standard finish

Dark Gray
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

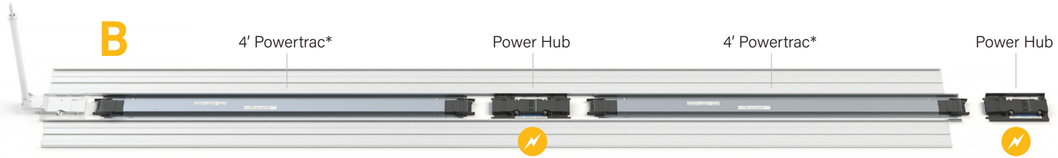
DESCRIPTION

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.



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

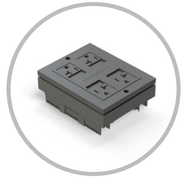
C Devices

Equip your Flex raceway system with power & data devices.

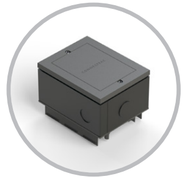
Power Devices

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

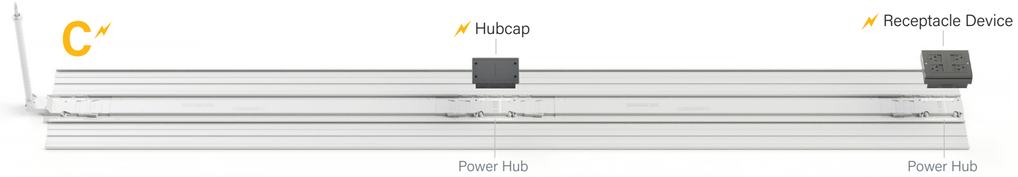
Quad device available in various 4-circuit options:

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



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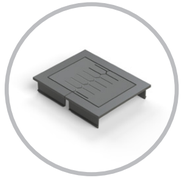
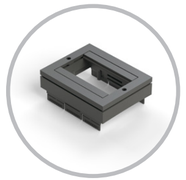


Grommet



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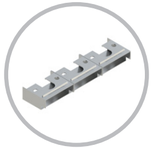

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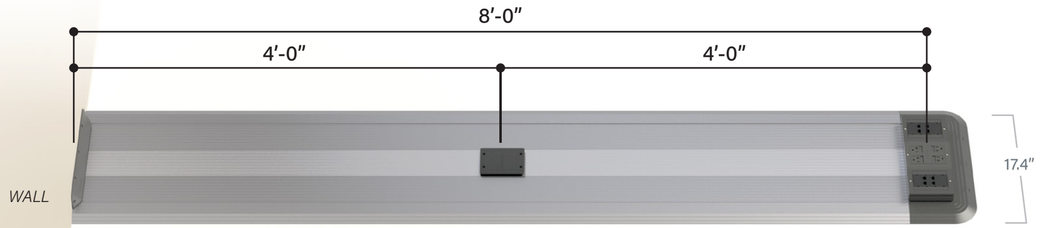

**Silver finish shown here*

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