FLEX® SYSTEM
For installation under carpet tile

*Updated
08.23.23*

CONNECTRAC®

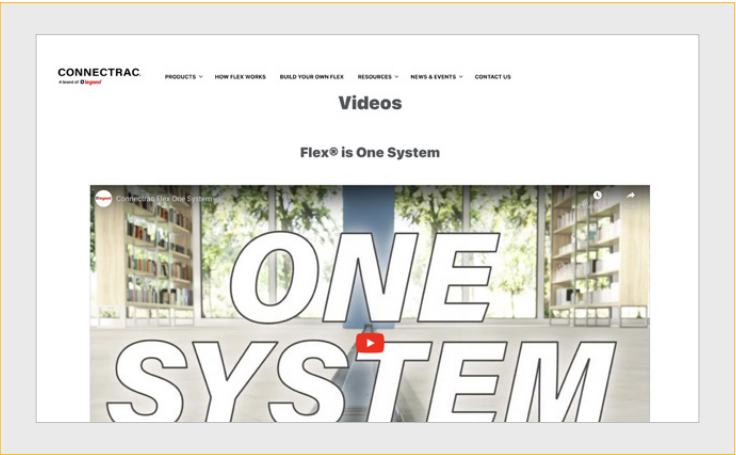A brand of � **legrand®**

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.

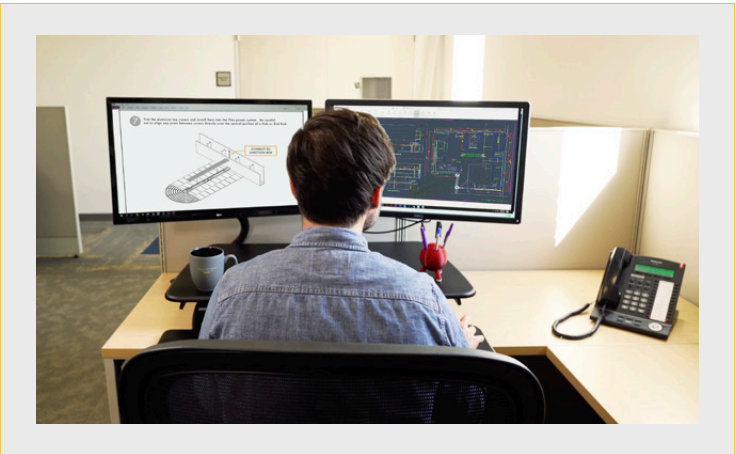***connectrac.com/home/videos***

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

FLEX SYSTEM
For installation under carpet tile

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.

*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

Top Cover & Transition Ramps

Power Hub

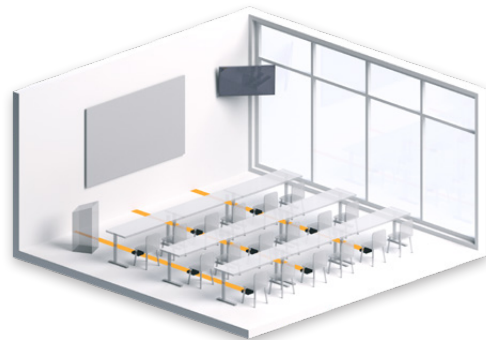Connects Powertracs & provides access for power devices

C

Data Device

Snaps into the raceway to provide data connectivity
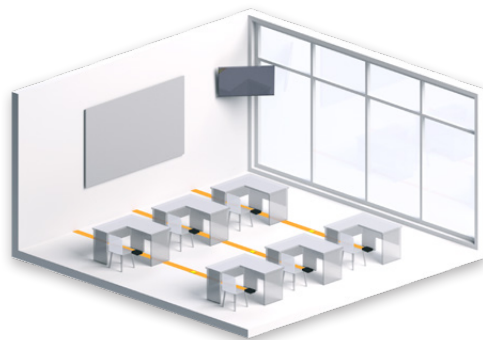
HOW IT WORKS

Explore the graphic to learn more about the Flex system for installation under carpet tile.
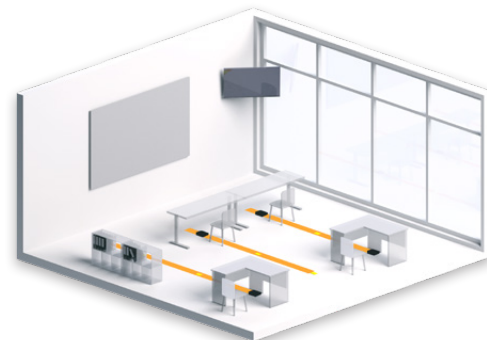
Plan Flex Raceway System

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

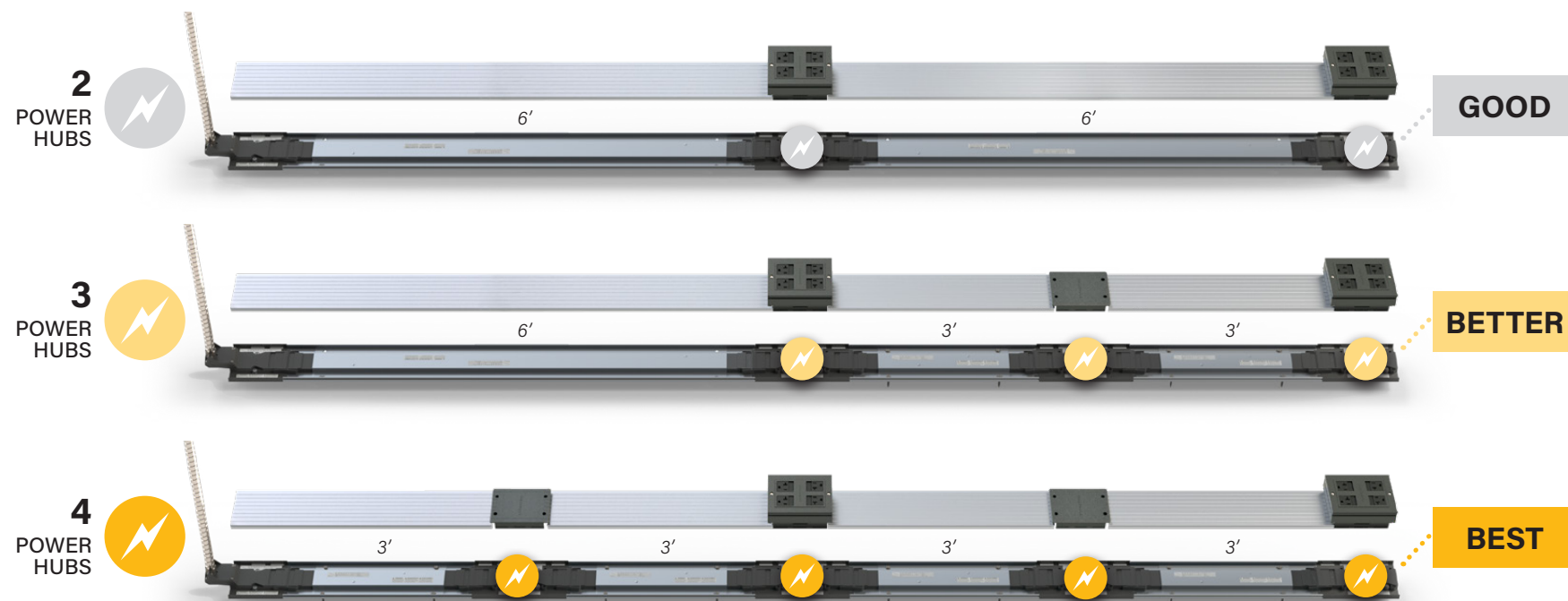What is the current use of this space?

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'

BEST

⚡ Power Hubs = access points for power devices

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

8

Where is power being supplied from?

Wall or Poke-Thru

How much data do you need?

0-4 cables

Typical for conference rooms
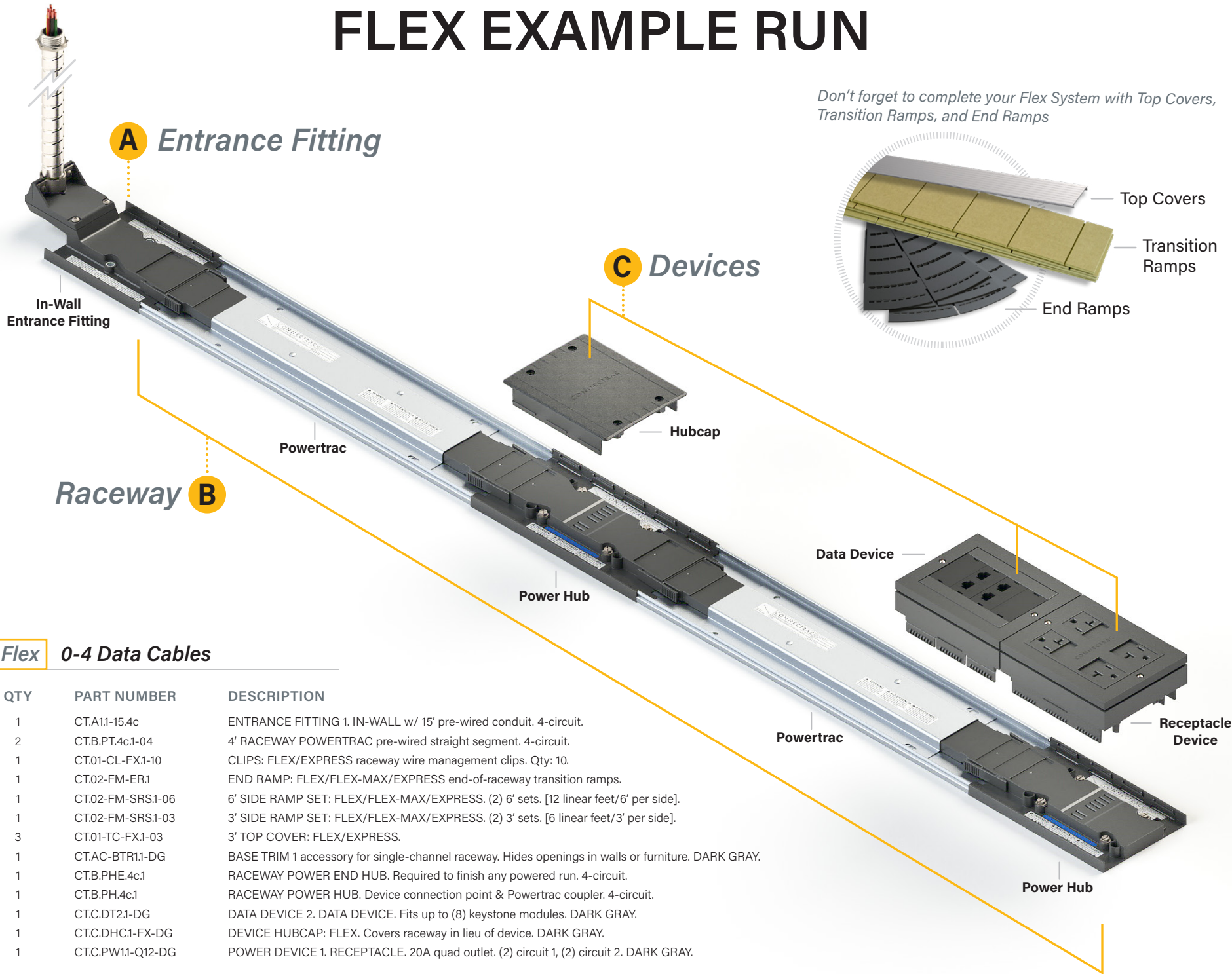
5-14 cables

Typical for up to seven workstations

15-24 cables

Typical for up to twelve workstations

9

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

C Devices

Powertrac

Hubcap
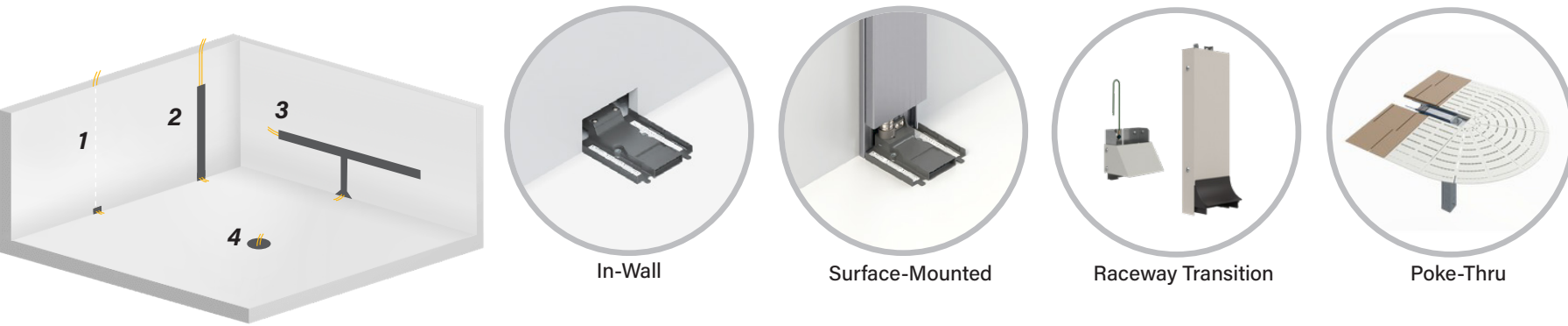
Data Device

B Raceway

Power Hub

Powertrac

Receptacle Device

Power Hub

10

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
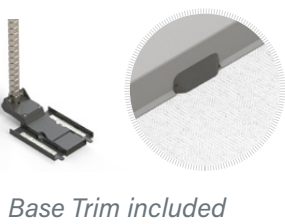
DESCRIPTION

1. In-Wall Entrance Fitting
Use when cabling is running INSIDE the wall:
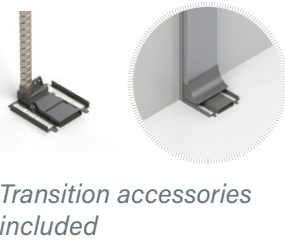
15' pre-wired conduit
30' pre-wired conduit

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 Under-Carpet Poke-Thru Entrance Fitting. Available for Powertracs and Datatracs.
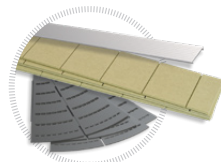
A
Wall Entrance Fitting

11

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
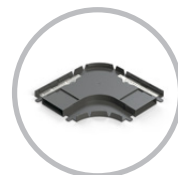*Pre-wired raceway segments available in standard lengths:*

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

Powertrac Extender

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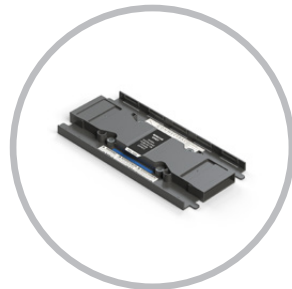*Adds 6" to any of our standard Powertrac lengths*

Powertrac Corner

Powertrac Corner
Allows raceway to make a 90° turn

Power Hub

DESCRIPTION

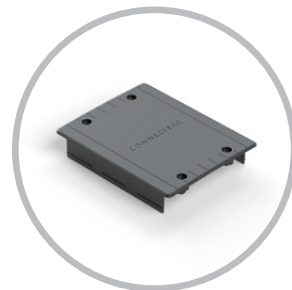**Power Hub**
Connects Powertracs & provides access for power devices

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.
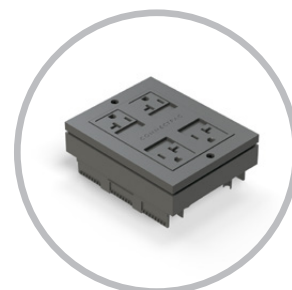
C Devices

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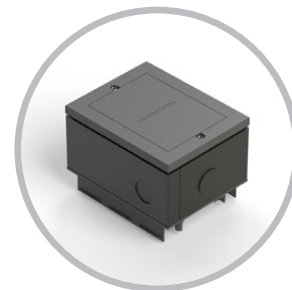
Power Devices

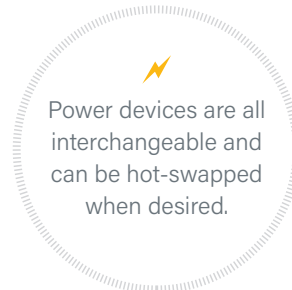Choose which devices (if any) you want to snap into your Power Hubs.

Hubcap

Receptacle Device

Hardwire Device

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

DESCRIPTION

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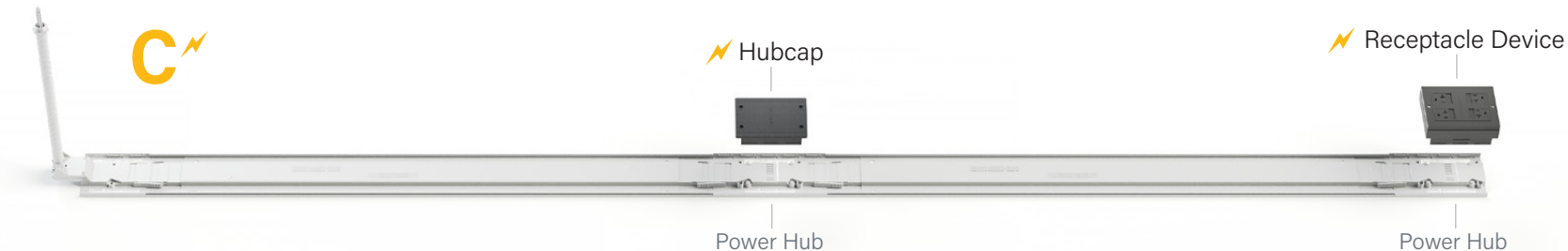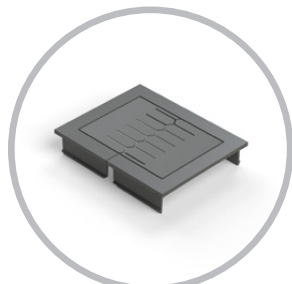2-circuit 3, 2-circuit 4*
2-circuit 1, 2-circuit 4*

*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

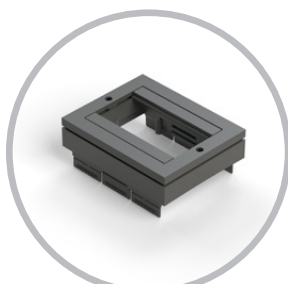Power Hub   Power Hub

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
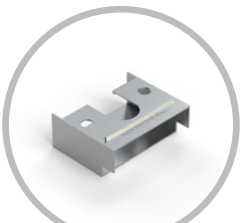*Attaches to any power or data device to manage cabling*

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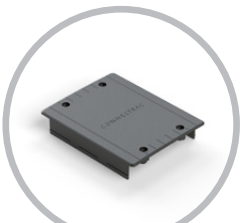
Extra Hubcap
Creates a walkable surface and makes power easily accessible for future needs
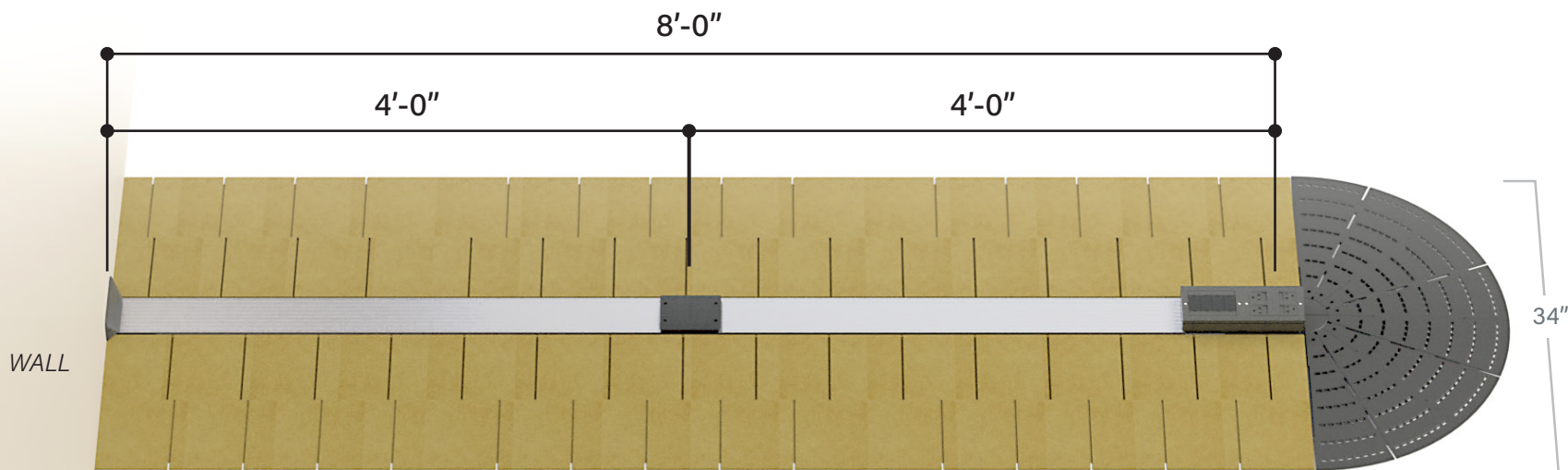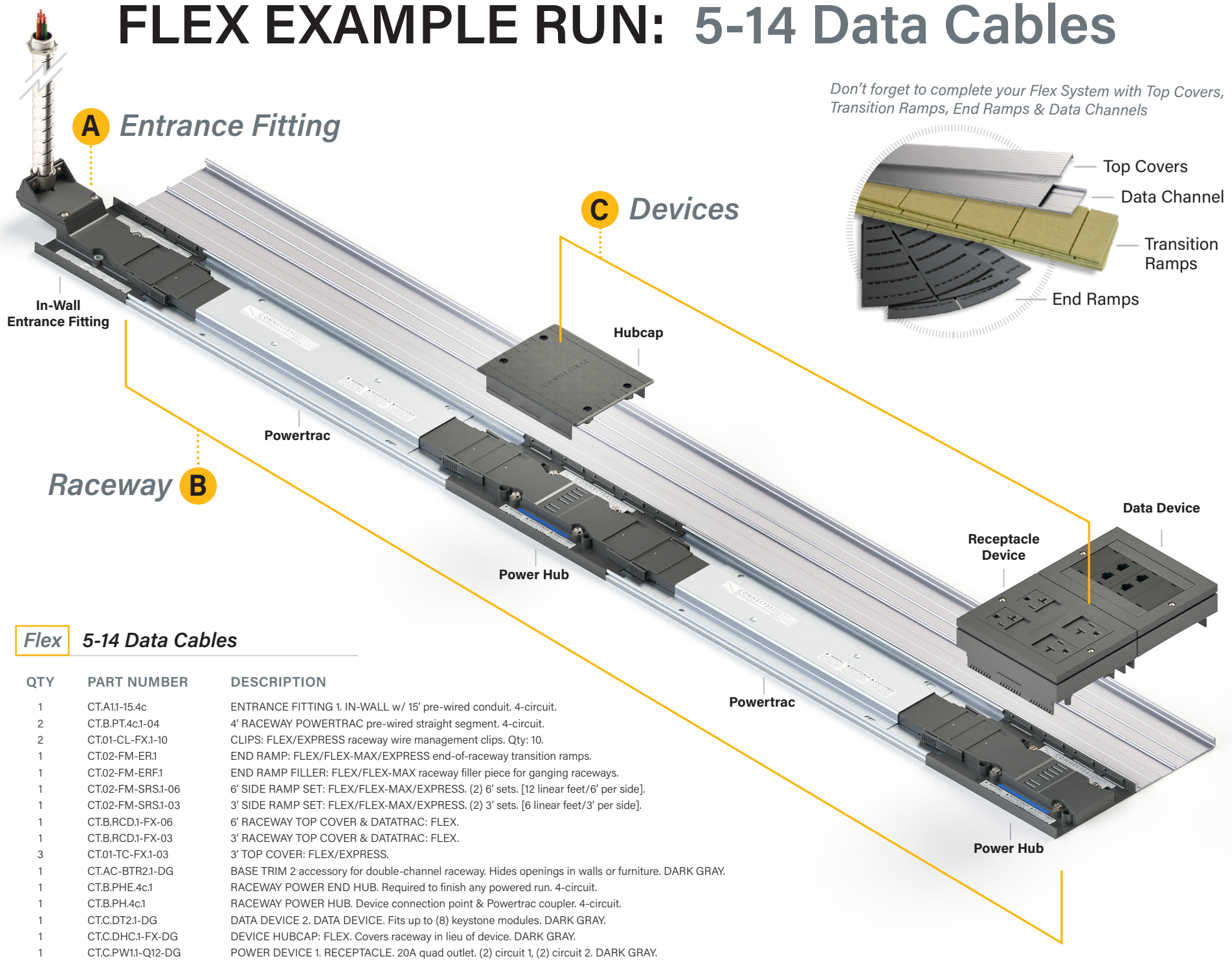
Vertical Wire Manager

Rough-In Frame

Extra Hubcap

Complete Raceway

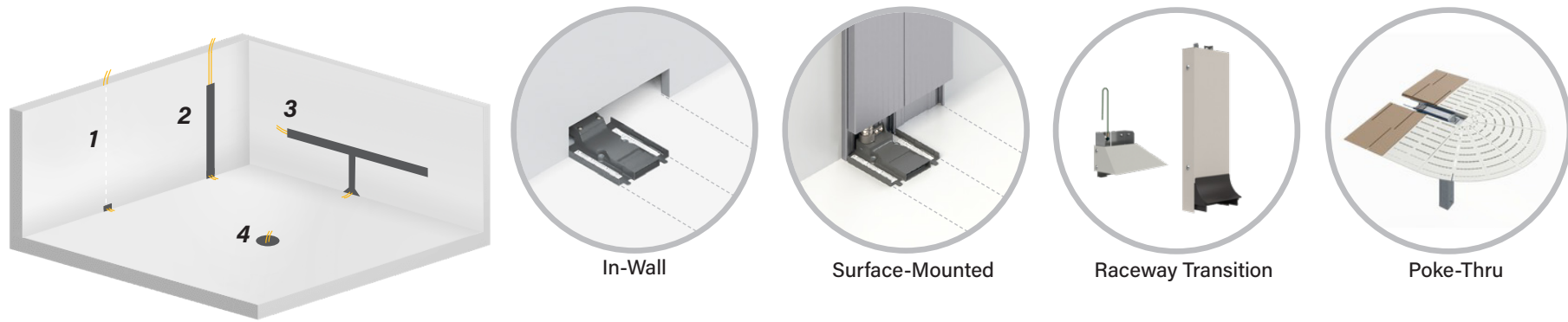Shown with Top Covers, Transition Ramps, and End Ramps installed.

8'-0"

4'-0"

4'-0"

WALL

34"

FLEX EXAMPLE RUN: 5-14 Data Cables

A *Entrance Fitting*

In-Wall Entrance Fitting

Powertrac

Raceway **B**

Power Hub

Hubcap

C *Devices*

Receptacle Device

Data Device

Powertrac

Power Hub

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.
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 raceway wire management clips. Qty: 10.
1	CT.02-FM-ER.1	END RAMP: FLEX/FLEX-MAX/EXPRESS end-of-raceway transition ramps.
1	CT.02-FM-ERF.1	END RAMP FILLER: FLEX/FLEX-MAX raceway filler piece for ganging raceways.
1	CT.02-FM-SRS.1-06	6' SIDE RAMP SET: FLEX/FLEX-MAX/EXPRESS. (2) 6' sets. [12 linear feet/6' per side].
1	CT.02-FM-SRS.1-03	3' SIDE RAMP SET: FLEX/FLEX-MAX/EXPRESS. (2) 3' sets. [6 linear feet/3' per side].
1	CT.B.RCD.1-FX-06	6' RACEWAY TOP COVER & DATATRAC: FLEX.
1	CT.B.RCD.1-FX-03	3' RACEWAY TOP COVER & DATATRAC: FLEX.
3	CT.01-TC-FX.1-03	3' TOP COVER: FLEX/EXPRESS.
1	CT.AC-BTR2.1-DG	BASE TRIM 2 accessory for double-channel raceway. Hides openings in walls or furniture. DARK GRAY.
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.
1	CT.C.DT2.1-DG	DATA DEVICE 2. DATA DEVICE. Fits up to (8) keystone modules. DARK GRAY.
1	CT.C.DHC.1-FX-DG	DEVICE HUBCAP: FLEX. 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.

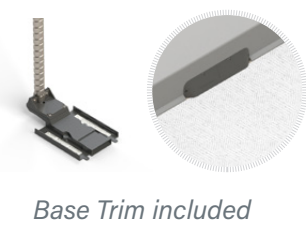**A** *Entrance Fitting* Choose where your Flex raceway will draw power from: Wall or Open Floor Space

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.

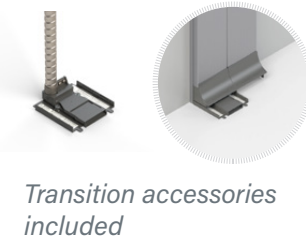*Transition accessories included*

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 Under-Carpet Poke-Thru Entrance Fitting. Available for Powertracs and Datatracs.
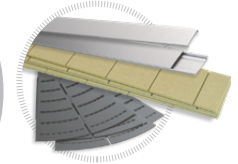
A Wall Entrance Fitting

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
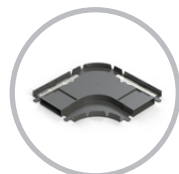*Pre-wired raceway segments available in standard lengths:*

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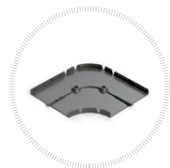6' Powertrac

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.

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.*

DESCRIPTION

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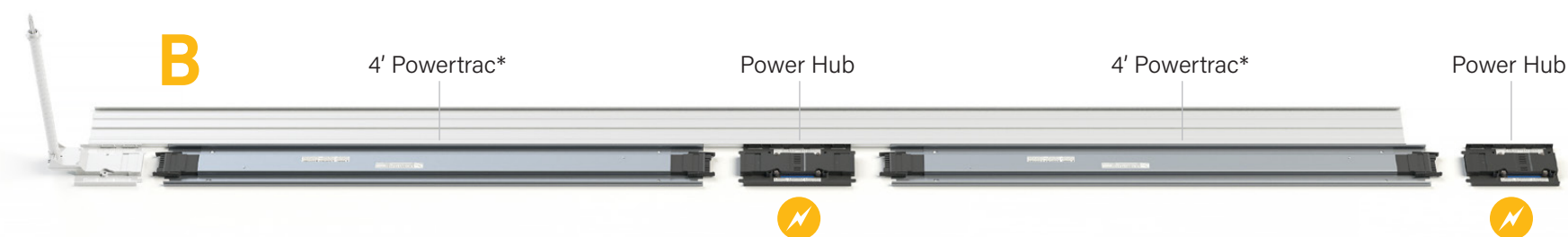*Creates a walkable surface and makes power easily accessible for future needs*

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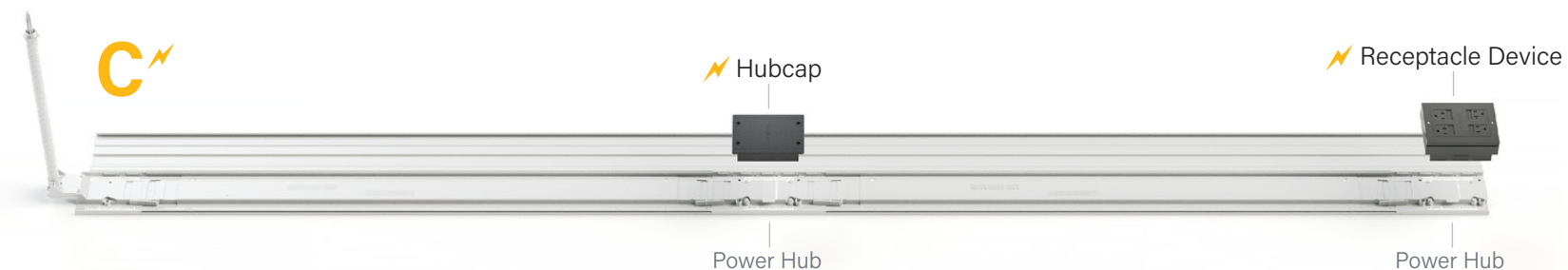2-circuit 3, 2-circuit 4*
2-circuit 1, 2-circuit 4*

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

---

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 ⚡

⚡ Hubcap   ⚡ Receptacle Device

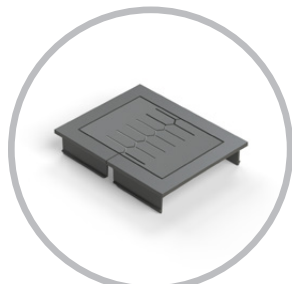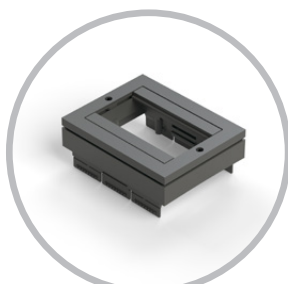Power Hub   Power Hub

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"

38"

WALL

FLEX EXAMPLE RUN: 15-24 Data Cables

A *Entrance Fitting*

In-Wall Entrance Fitting

C *Devices*

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

Hubcap

Data Device

Receptacle Device

Powertrac

Power Hub

Raceway **B**

Powertrac

Power Hub

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

Entrance Fittings

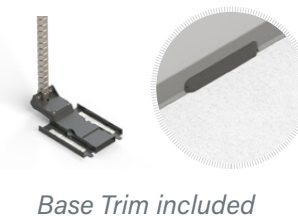In-Wall   Surface-Mounted   Raceway Transition   Poke-Thru

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:

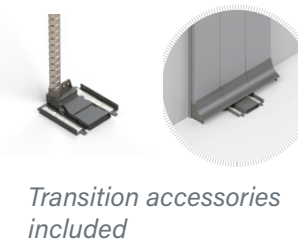Raceway Entrance Fitting with 3' pre-wired conduit, 4 circuit

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

4" Poke-Thru Transition and compatible Under-Carpet Poke-Thru Entrance Fitting. Available for Powertracs and Datatracs.
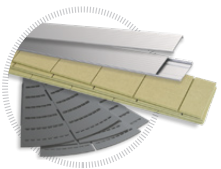
A Wall Entrance Fitting

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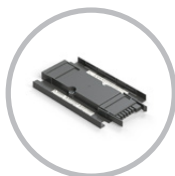
Powertracs

Powertrac

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

DESCRIPTION

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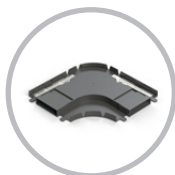*Pre-wired raceway segments available in standard lengths:*

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

Powertrac Extender

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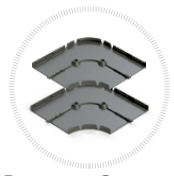*Adds 6" to any of our standard Powertrac lengths*

Powertrac Corner
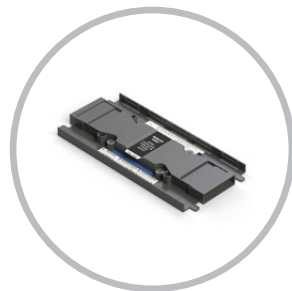
Powertrac Corner
Allows raceway to make a 90° turn

Datatrac 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.
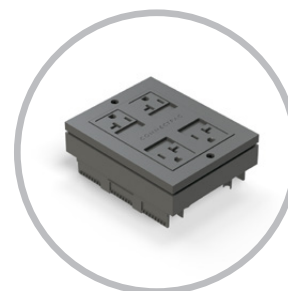

C *Devices*   Equip your Flex raceway system with power & data devices.

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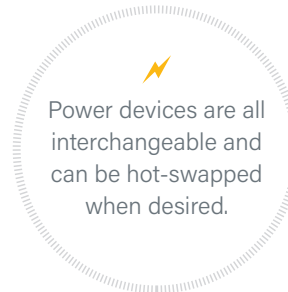

Hubcap

Receptacle Device

Hardwire Device

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

DESCRIPTION

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

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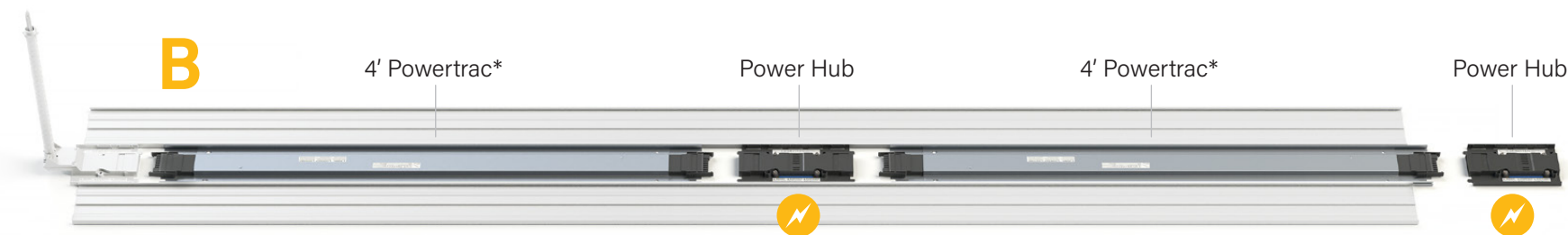*Quad device available in various 4-circuit options:*

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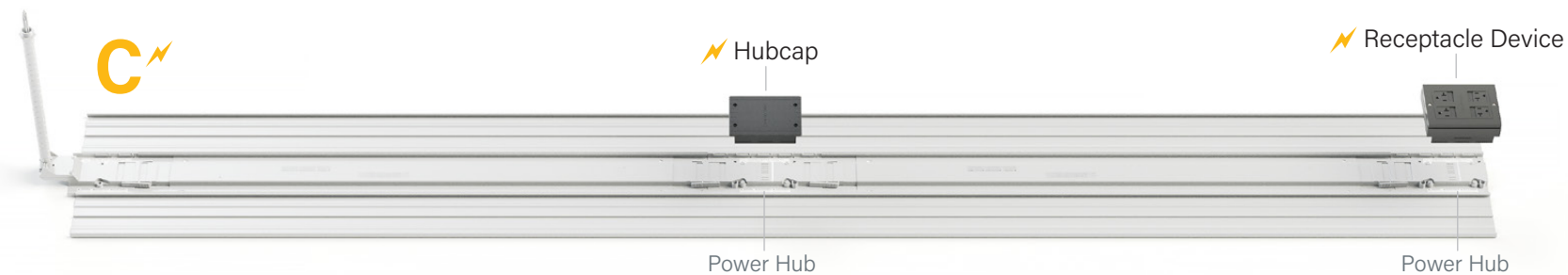2-circuit 1, 2-circuit 4*

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

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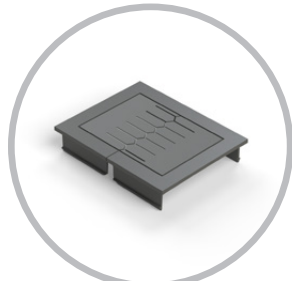*4-circuit monument that connects to most furniture base feeds*

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   Hubcap   Receptacle Device
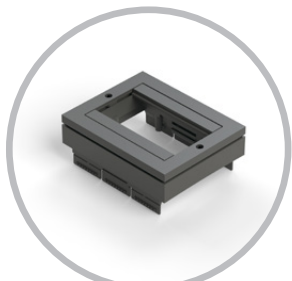

Power Hub   Power Hub

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

42"

Optional Accessories

Enhance your raceways with these additional options.

Accessories

DESCRIPTION

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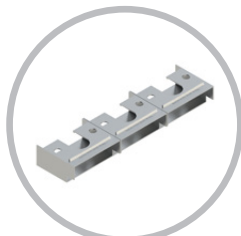*Attaches to any power or data device to manage cabling*

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
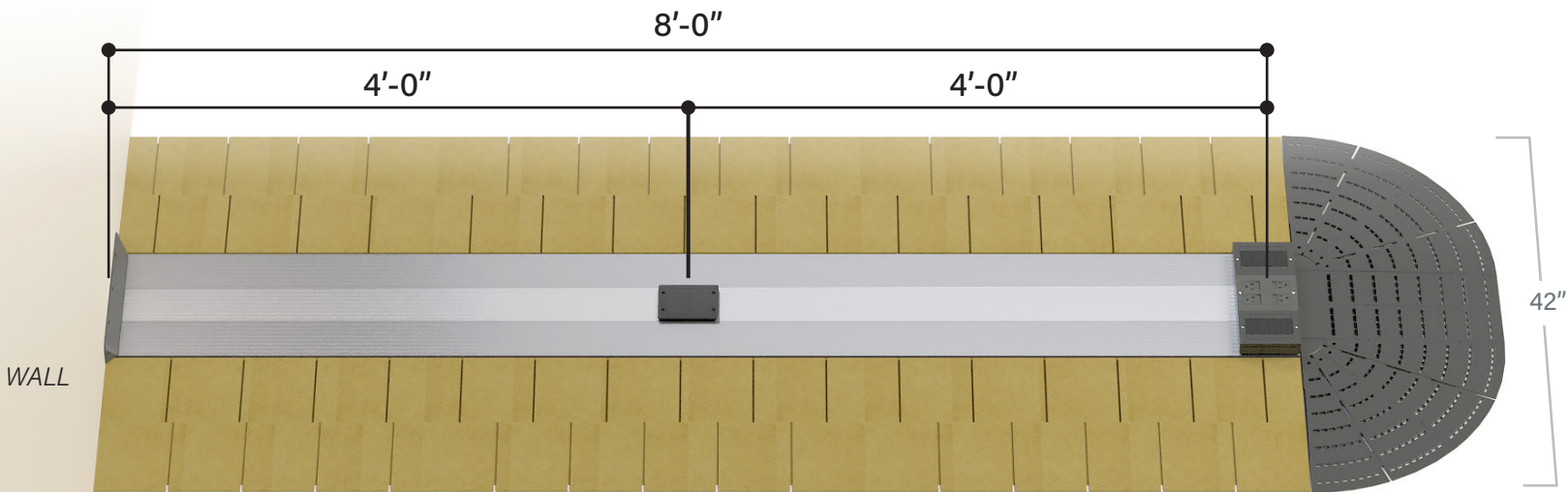
Vertical Wire Manager

Rough-In Frame

Extra Hubcap

Complete Raceway

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

8'-0"

4'-0"

4'-0"

42"

WALL

CONNECTRAC.

A brand of **legrand**

8707 Chancellor Row
Dallas, Texas 75247
1.877.480.5637
connectrac.com

FOLLOW US

f 𝕏 in ▶