SPEC GUIDE

FLEX™ SYSTEM

For installation under carpet tile

Updated
02.12.2021

CONNECTRAC®
A brand of legrand®

HOW WE CAN HELP

Online

Build your own Flex raceway system using our innovative web tool on the Connectrac website!

Click around and play in this online experience while learning the basics of how Flex works.

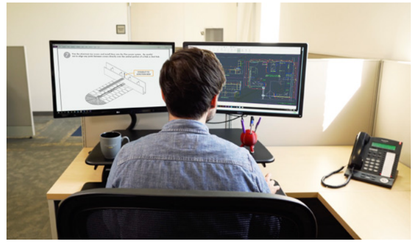
connectrac.com/build-your-own

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

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FLEX SYSTEM

For installation under carpet tile

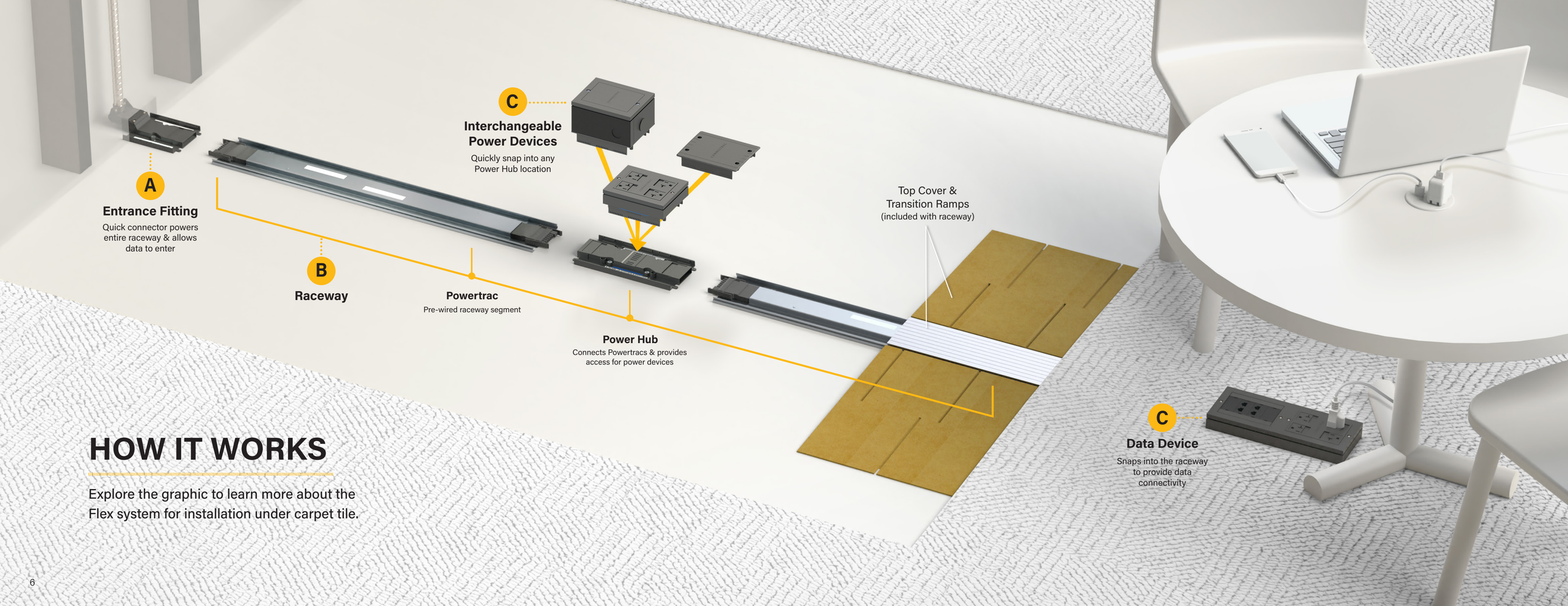
Connectrac® Flex is...

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.™

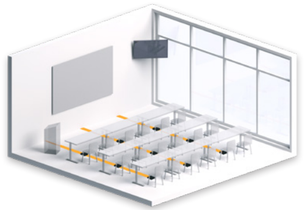
HOW IT WORKS

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

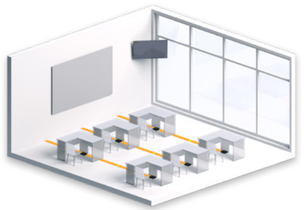


Plan Flex Raceway System

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



What is the current use of this space?

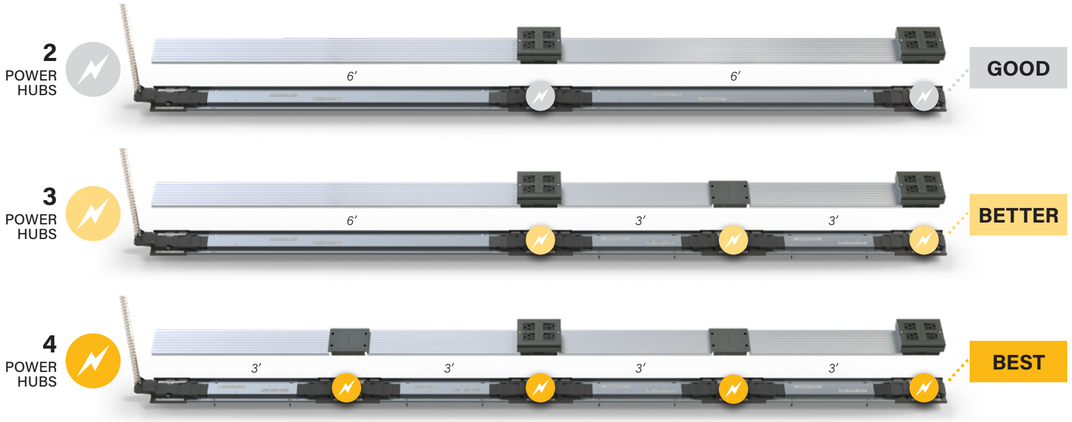


What else might it be used for in the future?

How might furniture be rearranged?

Optimize Your Raceway

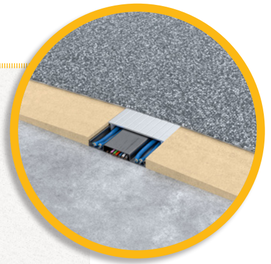
Increase your system's adaptability by adding ***more*** points of power access.



Power Hubs = access points for power devices

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

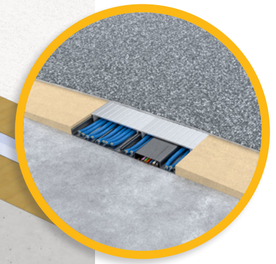
How much data do you need?



0-4 cables

Typical for conference rooms

Turn to Next Page



5-14 cables

Typical for up to seven workstations

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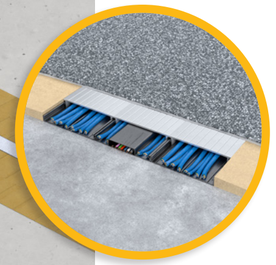

15-24 cables

Typical for up to twelve workstations

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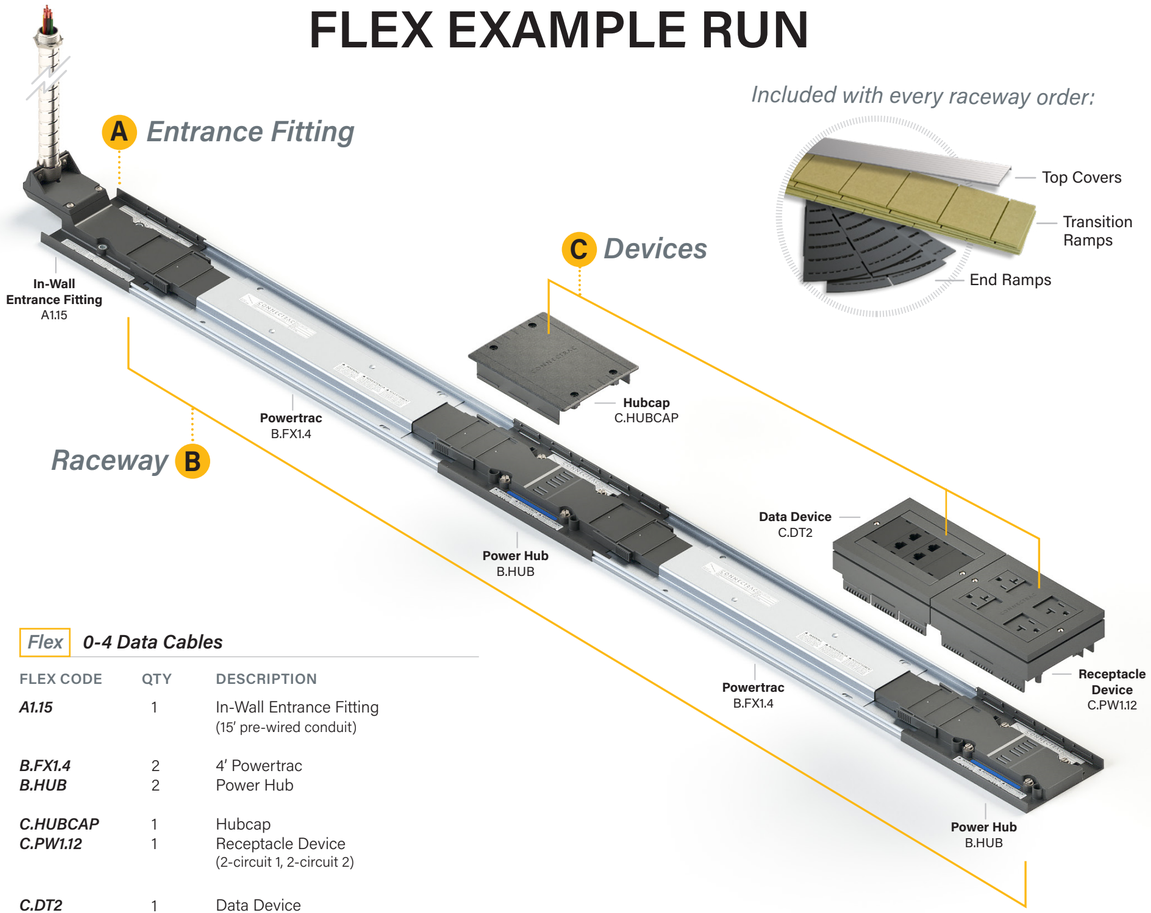
FLEX EXAMPLE RUN



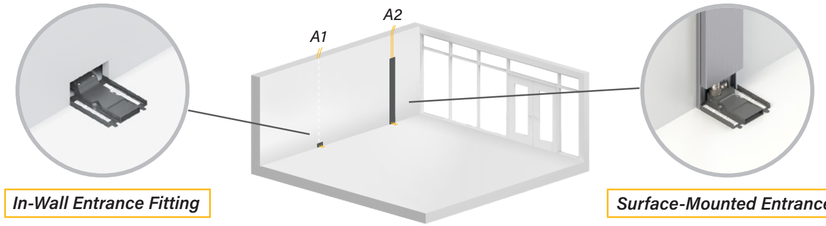
Included with every raceway order:

Flex ***0-4 Data Cables***

FLEX CODE	QTY	DESCRIPTION
A1.15	1	In-Wall Entrance Fitting (15′ pre-wired conduit)
B.FX1.4	2	4′ Powertrac
B.HUB	2	Power Hub
C.HUBCAP	1	Hubcap
C.PW1.12	1	Receptacle Device (2-circuit 1, 2-circuit 2)
C.DT2	1	Data Device

A *Entrance Fitting*

Choose how your Flex raceways start at the wall.



In-Wall Entrance Fitting

FLEX CODE	DESCRIPTION
A1.___	**In-Wall Entrance Fitting**

Use when cabling is running INSIDE the wall:

A1.15	15′ pre-wired conduit
A1.30	30′ pre-wired conduit

Base Trim included

Surface-Mounted Entrance Fitting

FLEX CODE	DESCRIPTION
A2.___	**Surface-Mounted Entrance Fitting**

Use when cabling is running OUTSIDE the wall:

A2.3	3′ pre-wired conduit, 2′ Walltrac
A2.15	15′ pre-wired conduit, 12′ Walltrac
A2.30	30′ pre-wired conduit, 12′ Walltrac

Transition accessories included

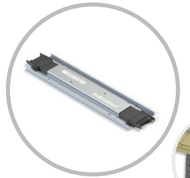
TIP: Use A2.3 to connect to existing wall outlet boxes.

A Wall Entrance Fitting

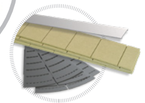
B Raceway

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

Powertracs



Powertrac



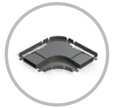
Top Covers & Ramps included

FLEX CODE	DESCRIPTION
B.FX1.__	**Powertrac** *Pre-wired raceway segments available in standard lengths:*

B.FX1.2	2′ Powertrac
B.FX1.3	3′ Powertrac
B.FX1.4	4′ Powertrac
B.FX1.5	5′ Powertrac
B.FX1.6	6′ Powertrac

Powertrac Extender

B.FX1.EXT **Powertrac Extender**
Adds 6″ to any of our standard Powertrac lengths



Powertrac Corner

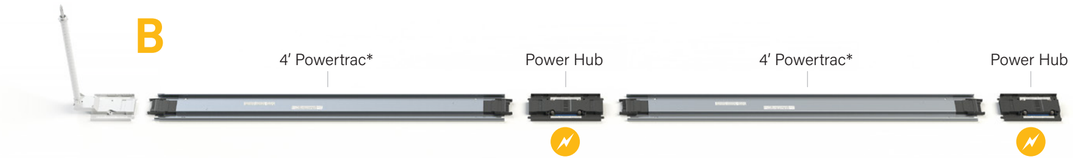
B.FX1.90 **Powertrac Corner**
Allows raceway to make a 90° turn

Power Hub

FLEX CODE	DESCRIPTION
B.HUB	**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.*

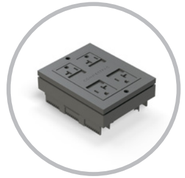
C Devices

Equip your Flex raceway system with power & data devices.

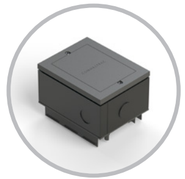
Power Devices

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

Hubcap



Receptacle Device



Hardware Device

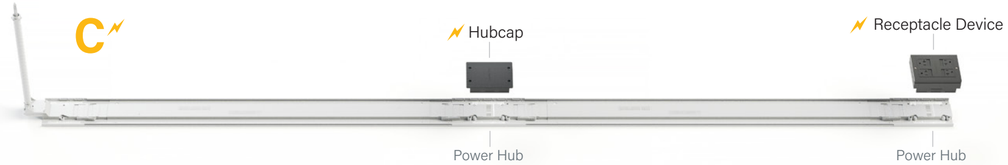
Power devices are all interchangeable and can be hot-swapped when desired.

FLEX CODE	DESCRIPTION
C.HUBCAP	**Hubcap** *Creates a walkable surface and makes power easily accessible for future needs*
C.PW1.__	**Receptacle Device** *Quad device available in various 4-circuit options:*

C.PW1.11	All circuit 1
C.PW1.22	All circuit 2
C.PW1.33	All circuit 3
C.PW1.44	All circuit 4
C.PW1.12*	2-circuit 1, 2-circuit 2
C.PW1.34*	2-circuit 3, 2-circuit 4
C.PW1.14*	2-circuit 1, 2-circuit 4

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

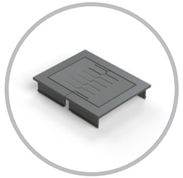
C.PW2.4	**Hardware Device** *4-circuit monument that connects to most furniture base feeds*



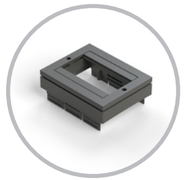
C Devices

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.

FLEX CODE	DESCRIPTION
C.DT1	**Grommet** *Allows cables to enter/exit raceway*
C.DT2	**Data Device** *Fits up to 8 low-voltage keystone modules*

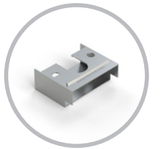
Optional Accessories

Enhance your raceways with these additional options.

Accessories

FLEX CODE	DESCRIPTION
VWM	**Vertical Wire Manager** *Attaches to any power or data device to manage cabling*
RIF	**Rough-In Frame** *Installed before drywall to provide a rough opening for cabling*
C.HUBCAP	**Extra Hubcap** *Creates a walkable surface and makes power easily accessible for future needs*

Vertical Wire Manager

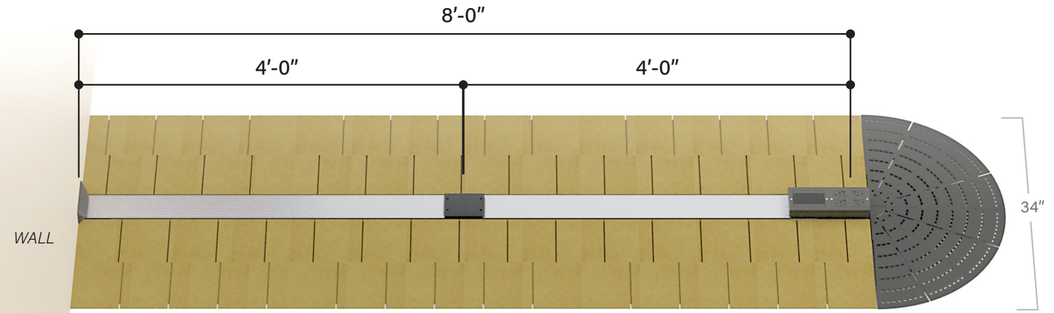


Rough-In Frame

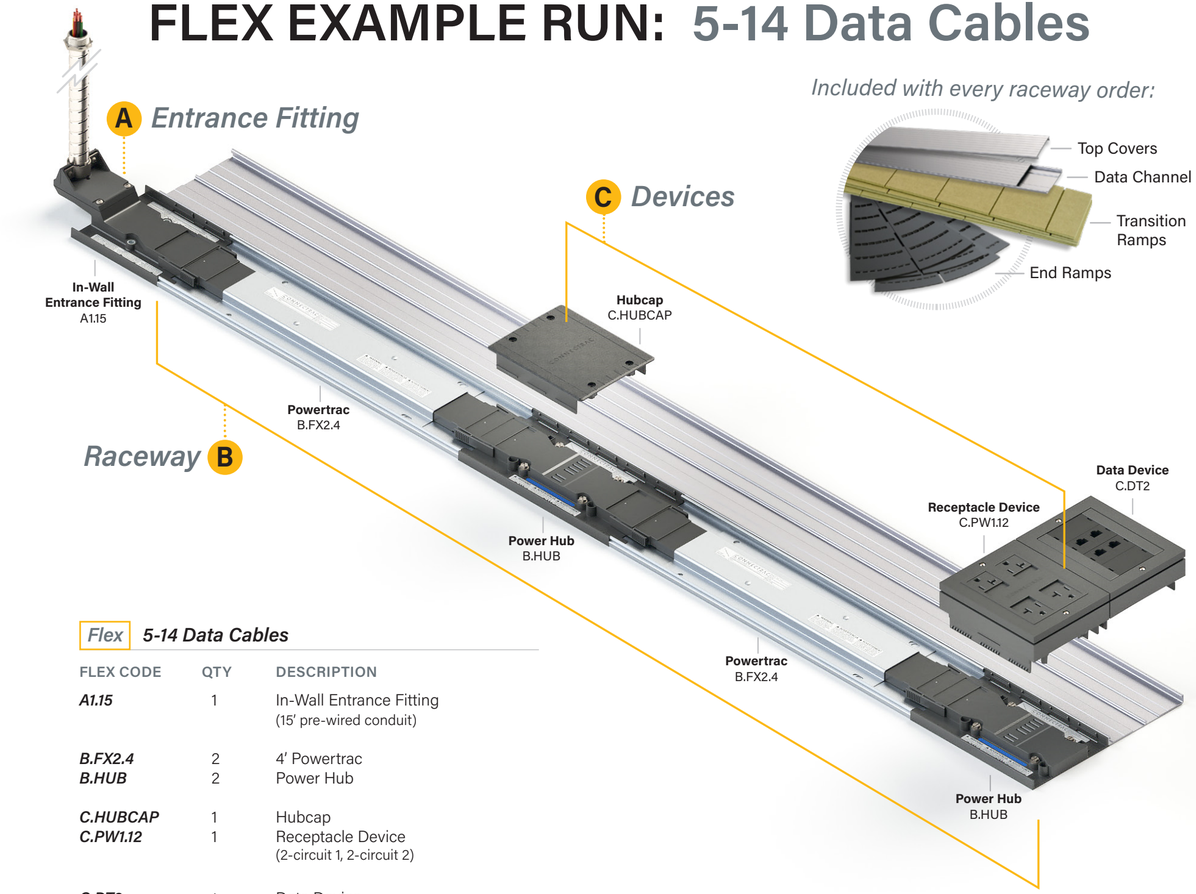
Extra Hubcap

Complete Raceway

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



FLEX EXAMPLE RUN: 5-14 Data Cables



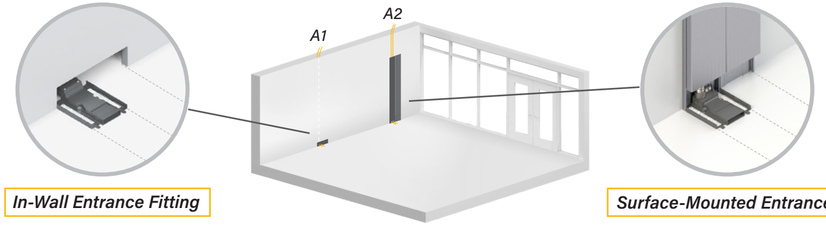
Included with every raceway order:

Flex ***5-14 Data Cables***

FLEX CODE	QTY	DESCRIPTION
A1.15	1	In-Wall Entrance Fitting (15′ pre-wired conduit)
B.FX2.4	2	4′ Powertrac
B.HUB	2	Power Hub
C.HUBCAP	1	Hubcap
C.PW1.12	1	Receptacle Device (2-circuit 1, 2-circuit 2)
C.DT2	1	Data Device

A *Entrance Fitting*

Choose how your Flex raceways start at the wall.



In-Wall Entrance Fitting

Surface-Mounted Entrance Fitting

FLEX CODE	DESCRIPTION
A1.___	**In-Wall Entrance Fitting**
	Use when cabling is running INSIDE the wall:
A1.15	15′ pre-wired conduit
A1.30	30′ pre-wired conduit

Base Trim included

FLEX CODE	DESCRIPTION
A2.___	**Surface-Mounted Entrance Fitting**
	Use when cabling is running OUTSIDE the wall:
A2.3	3′ pre-wired conduit, 2′ Walltrac
A2.15	15′ pre-wired conduit, 12′ Walltrac
A2.30	30′ pre-wired conduit, 12′ Walltrac

Transition accessories included

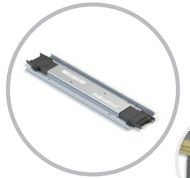
TIP: Use A2.3 to connect to existing wall outlet boxes.

A Wall Entrance Fitting

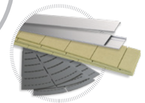
B Raceway

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

Powertracs



Powertrac



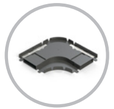
Top Covers, Data Channel & Ramps included

FLEX CODE	DESCRIPTION
B.FX2.__	**Powertrac** *Pre-wired raceway segments available in standard lengths:*

B.FX2.2	2′ Powertrac
B.FX2.3	3′ Powertrac
B.FX2.4	4′ Powertrac
B.FX2.5	5′ Powertrac
B.FX2.6	6′ Powertrac

Powertrac Extender

B.FX2.EXT — **Powertrac Extender**
Adds 6″ to any of our standard Powertrac lengths



Powertrac Corner

B.FX2.90 — **Powertrac Corner**
Allows raceway to make a 90° turn

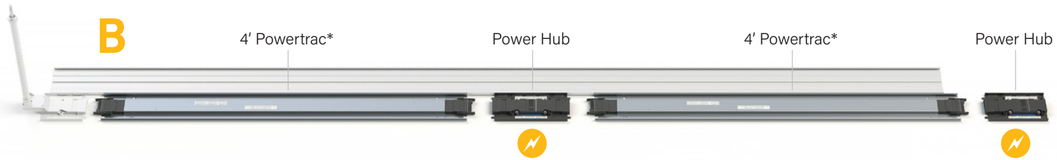
Datatrac Corner included

Power Hub

FLEX CODE	DESCRIPTION
B.HUB	**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.*

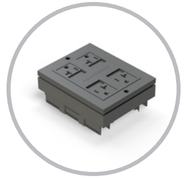
C Devices

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

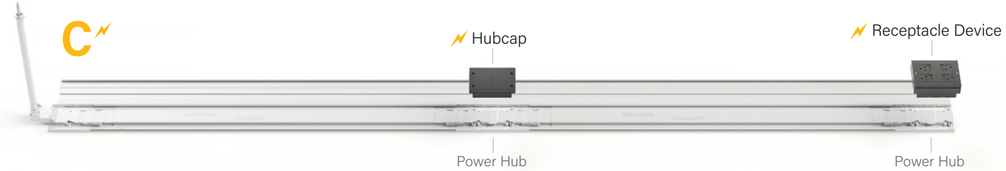
Power devices are all interchangeable and can be hot-swapped when desired.

FLEX CODE	DESCRIPTION
C.HUBCAP	**Hubcap** *Creates a walkable surface and makes power easily accessible for future needs*
C.PW1.__	**Receptacle Device** *Quad device available in various 4-circuit options:*

C.PW1.11	All circuit 1
C.PW1.22	All circuit 2
C.PW1.33	All circuit 3
C.PW1.44	All circuit 4
C.PW1.12*	2-circuit 1, 2-circuit 2
C.PW1.34*	2-circuit 3, 2-circuit 4
C.PW1.14*	2-circuit 1, 2-circuit 4

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

C.PW2.4	**Hardwire Device** *4-circuit monument that connects to most furniture base feeds*

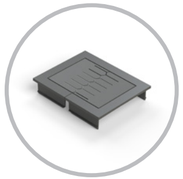


C Devices

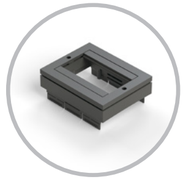
Equip your Flex raceway system with power & data devices.

Data Devices

These devices go anywhere on the raceway.



Grommet



Data Device

Data devices easily snap next to any power device.

FLEX CODE	DESCRIPTION
C.DT1	**Grommet** *Allows cables to enter/exit raceway*
C.DT2	**Data Device** *Fits up to 8 low-voltage keystone modules*

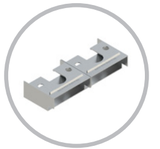
Optional Accessories

Enhance your raceways with these additional options.

Accessories

FLEX CODE	DESCRIPTION
VWM	**Vertical Wire Manager** *Attaches to any power or data device to manage cabling*
RIF	**Rough-In Frame** *Installed before drywall to provide a rough opening for cabling*
C.HUBCAP	**Extra Hubcap** *Creates a walkable surface and makes power easily accessible for future needs*

Vertical Wire Manager

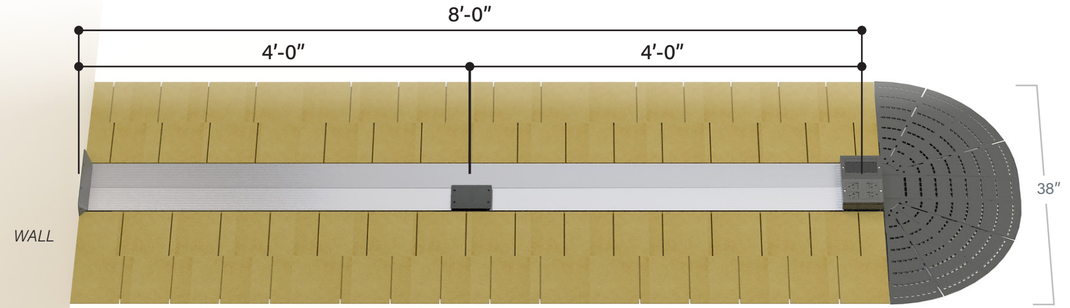


Rough-In Frame

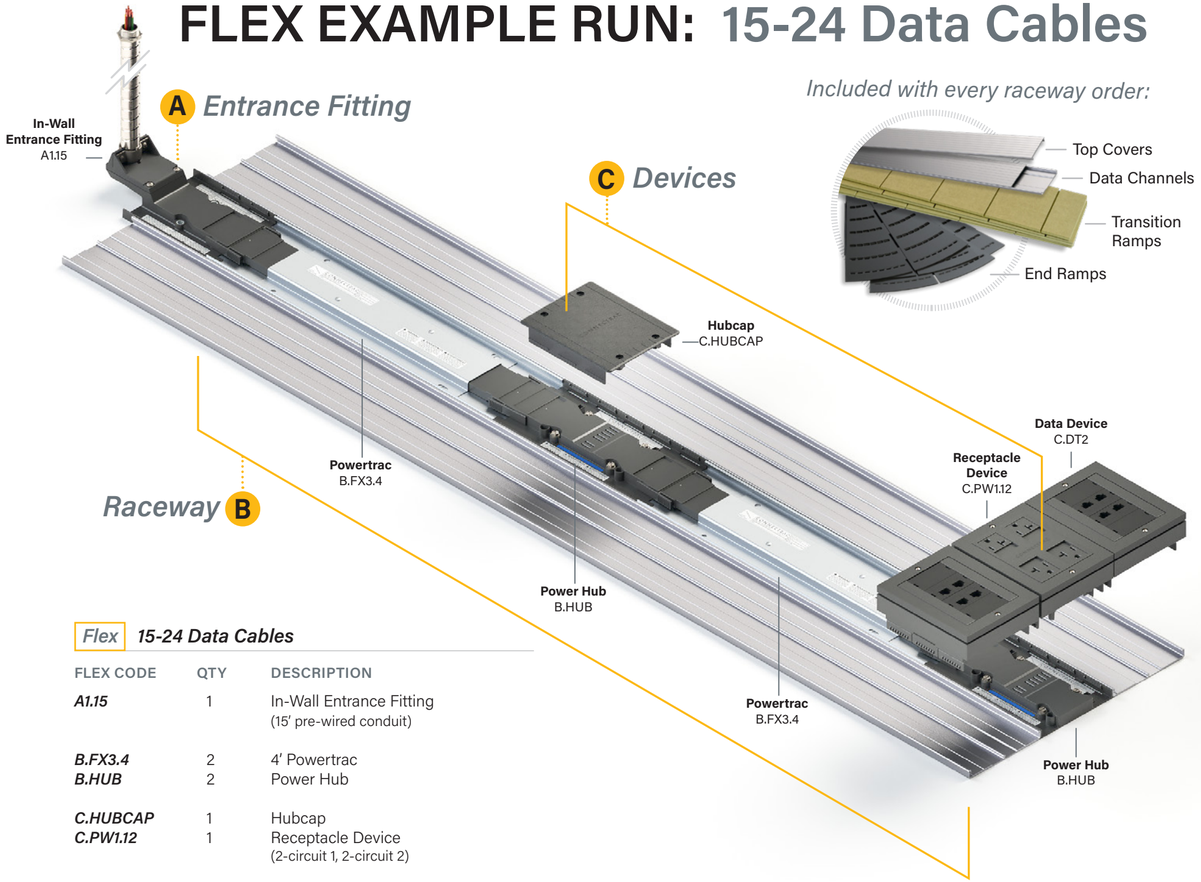
Extra Hubcap

Complete Raceway

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



FLEX EXAMPLE RUN: 15-24 Data Cables



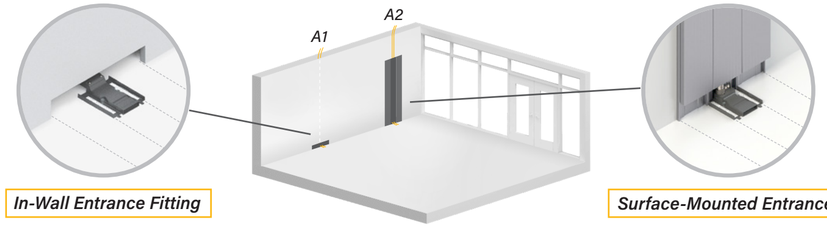
Included with every raceway order:

Flex ***15-24 Data Cables***

FLEX CODE	QTY	DESCRIPTION
A1.15	1	In-Wall Entrance Fitting (15′ pre-wired conduit)
B.FX3.4	2	4′ Powertrac
B.HUB	2	Power Hub
C.HUBCAP	1	Hubcap
C.PW1.12	1	Receptacle Device (2-circuit 1, 2-circuit 2)
C.DT2	2	Data Device

A *Entrance Fitting*

Choose how your Flex raceways start at the wall.



In-Wall Entrance Fitting

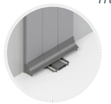
Surface-Mounted Entrance Fitting

FLEX CODE	DESCRIPTION
A1.__	**In-Wall Entrance Fitting**
	Use when cabling is running INSIDE the wall:
A1.15	15′ pre-wired conduit
A1.30	30′ pre-wired conduit

Base Trim included

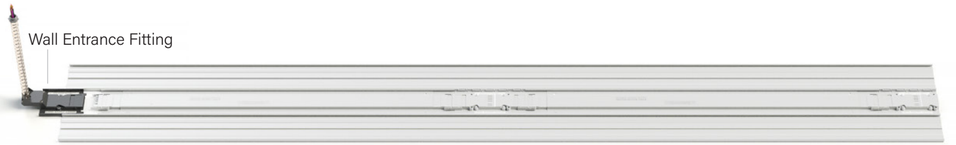
FLEX CODE	DESCRIPTION
A2.__	**Surface-Mounted Entrance Fitting**
	Use when cabling is running OUTSIDE the wall:
A2.3	3′ pre-wired conduit, 2′ Walltrac
A2.15	15′ pre-wired conduit, 12′ Walltrac
A2.30	30′ pre-wired conduit, 12′ Walltrac

Transition accessories included



TIP: Use A2.3 to connect to existing wall outlet boxes.

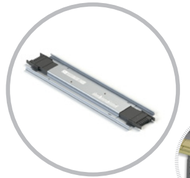
A Wall Entrance Fitting



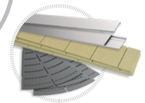
B Raceway

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

Powertracs



Powertrac



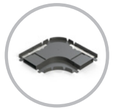
Top Covers, Data Channels & Ramps included

FLEX CODE	DESCRIPTION
B.FX3.__	**Powertrac** *Pre-wired raceway segments available in standard lengths:*

B.FX3.2	2′ Powertrac
B.FX3.3	3′ Powertrac
B.FX3.4	4′ Powertrac
B.FX3.5	5′ Powertrac
B.FX3.6	6′ Powertrac

Powertrac Extender

B.FX3.EXT — **Powertrac Extender**
Adds 6″ to any of our standard Powertrac lengths



Powertrac Corner

B.FX3.90 — **Powertrac Corner**
Allows raceway to make a 90° turn

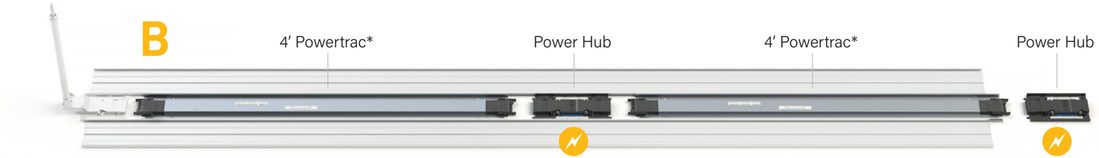
Datatrac Corners included

Power Hub

FLEX CODE	DESCRIPTION
B.HUB	**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.*

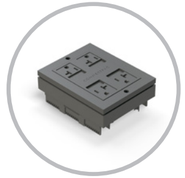
C Devices

Equip your Flex raceway system with power & data devices.

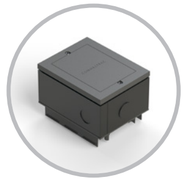
Power Devices

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

Hubcap



Receptacle Device



Hardware Device

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

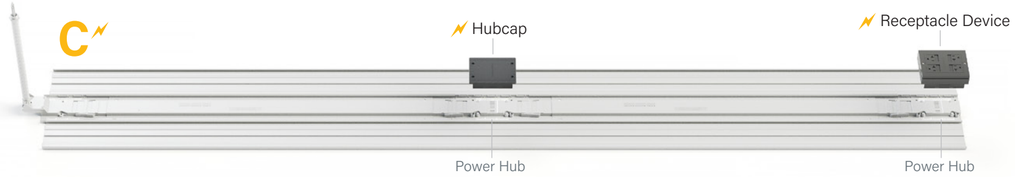
FLEX CODE	DESCRIPTION
C.HUBCAP	**Hubcap** *Creates a walkable surface and makes power easily accessible for future needs*

C.PW1.__ — **Receptacle Device**
Quad device available in various 4-circuit options:

C.PW1.11	All circuit 1
C.PW1.22	All circuit 2
C.PW1.33	All circuit 3
C.PW1.44	All circuit 4
C.PW1.12*	2-circuit 1, 2-circuit 2
C.PW1.34*	2-circuit 3, 2-circuit 4
C.PW1.14*	2-circuit 1, 2-circuit 4

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

C.PW2.4 — **Hardware Device**
4-circuit monument that connects to most furniture base feeds

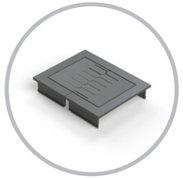


FLEX 15-24 Data Cables

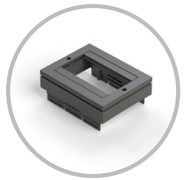
C Devices

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.

FLEX CODE	DESCRIPTION
C.DT1	**Grommet** *Allows cables to enter/exit raceway*
C.DT2	**Data Device** *Fits up to 8 low-voltage keystone modules*

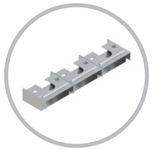
Optional Accessories

Enhance your raceways with these additional options.

Accessories

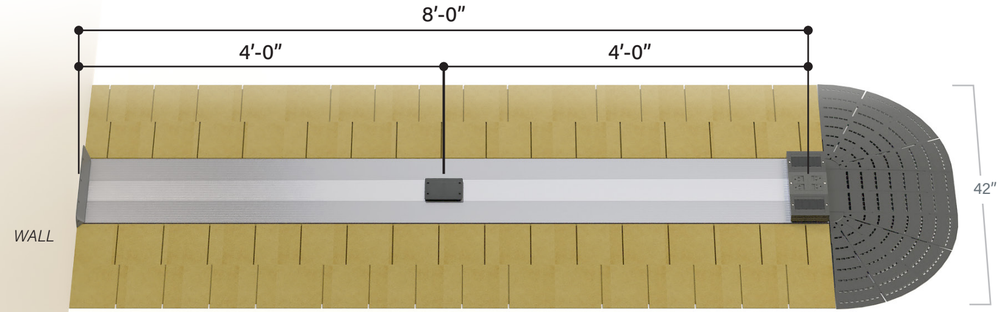
FLEX CODE	DESCRIPTION
VWM	**Vertical Wire Manager** *Attaches to any power or data device to manage cabling*
RIF	**Rough-In Frame** *Installed before drywall to provide a rough opening for cabling*
C.HUBCAP	**Extra Hubcap** *Creates a walkable surface and makes power easily accessible for future needs*

Vertical Wire Manager



Rough-In Frame

Extra Hubcap

Complete Raceway

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