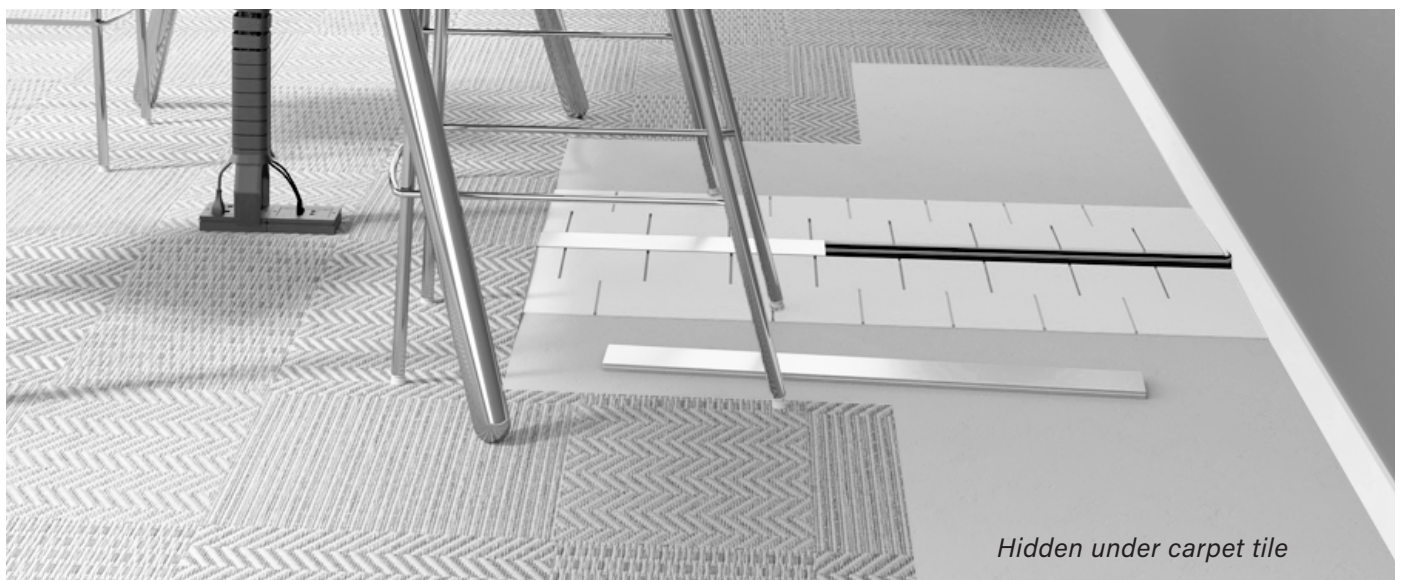


INSTALLATION GUIDE

Instructions to install Express Kit under carpet tile



WARNING: RISK OF FIRE OR ELECTRICAL SHOCK

- Read these assembly instructions prior to installation.
- Express must be anchored to the building floor for safe and proper use. Ensure use of proper anchors suitable for the application and environment.
- The electrical supply connection to the building must be performed by a licensed electrician. Install per National Electric Code adopted in your location.
- There are no user serviceable parts in this system.
- Use provided hardware only.
- Only use and install Express in dry environments.
- Do not place top cap seam directly over coupler terminals
- Do not install this system over raised floors, across building expansion joints, or in areas where it will be subject to constant heavy loads.
- For use with flooring materials between .1" and .35" (2.5mm-9mm) thick.

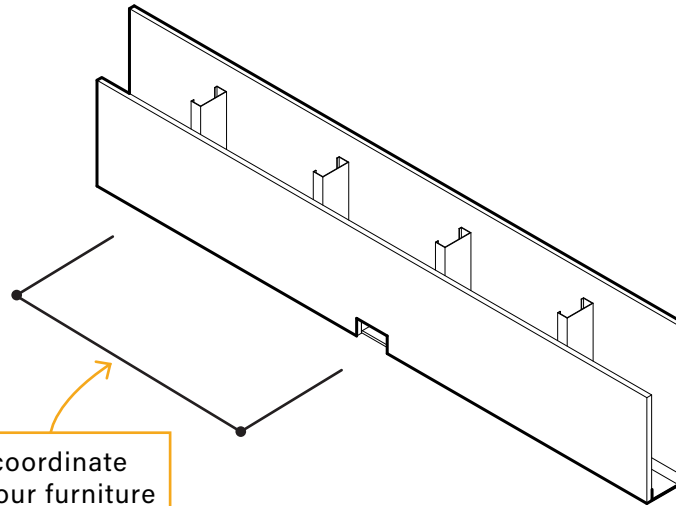
EXPRESS Installation Basics

- Cut a 2" by 4" hole in your wall.
- Align bottom track with hole, and fasten to floor.
- Fish flexible conduit through the hole, align Express Hub to end of bottom track, and fasten down through metal collars.
- Completely surround the bottom track with the transition ramping system. Fasten the transition ramping system down.
- Connect the flexible conduit to the building junction box.
- Install low voltage cabling.
- Install Top Cover in bottom track.
- Install Receptacle Device and Data Device.
- Install carpet or suitable conformable flooring over the entire system, cutting around devices.

INSTALLATION IN 9 STEPS

1

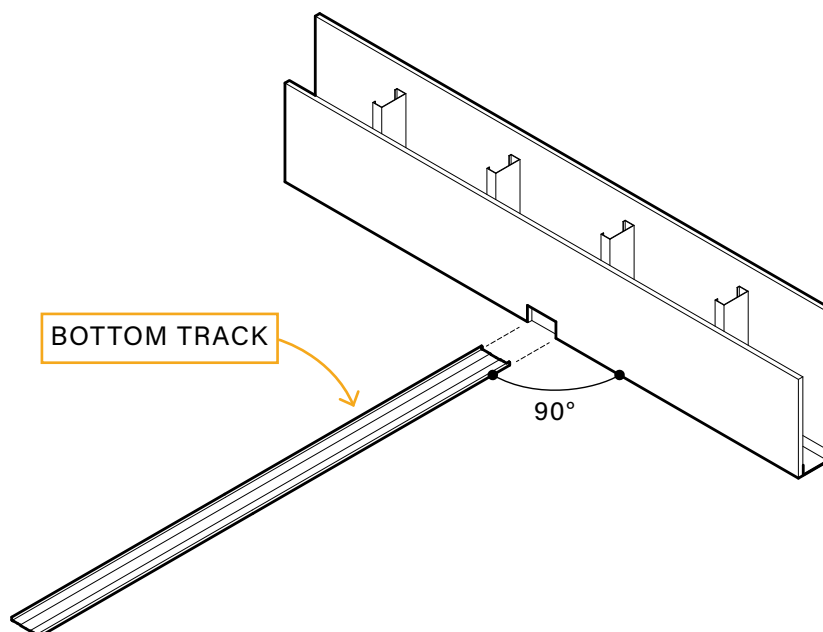
Cut a 4" x 2" hole through the base of your wall, and bend the stud track inward.



TIP! Make sure to coordinate the opening with your furniture

2

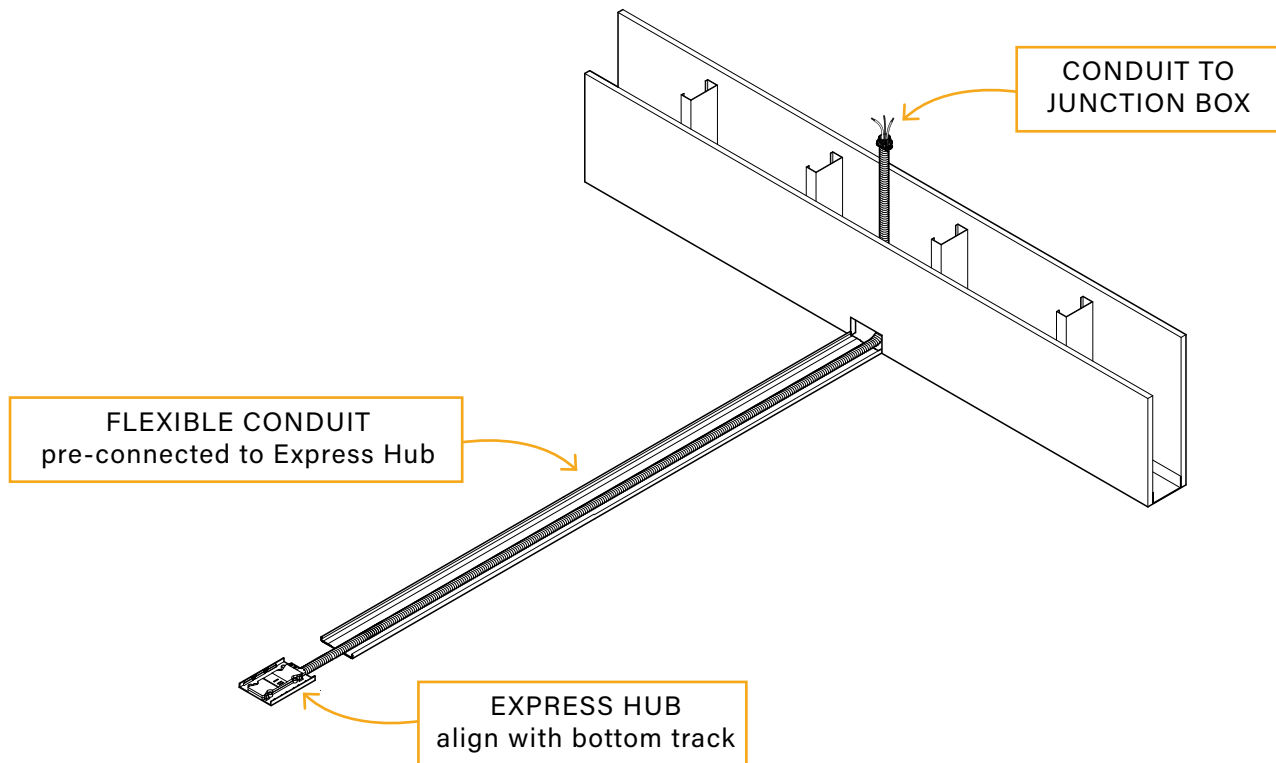
Place bottom track and place it down, centered on the hole. Ensure floor is flat and level to 1/8".



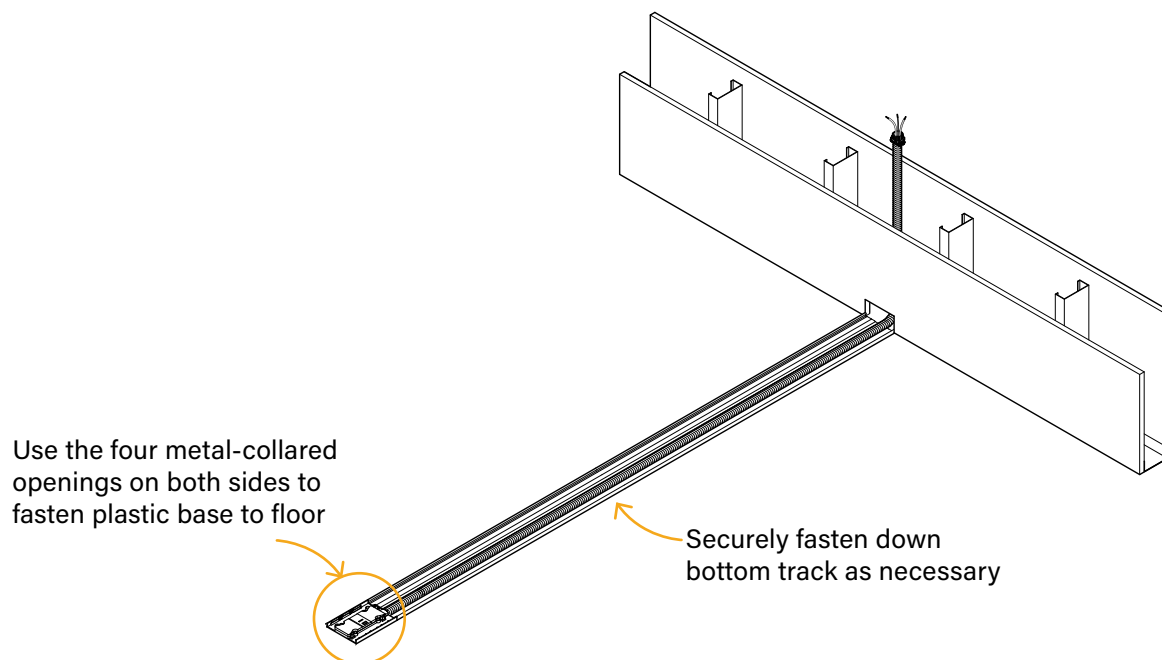
BOTTOM TRACK

90°

- 3** Run conduit from the Express Hub through the hole in the wall and lay the conduit in the bottom track.



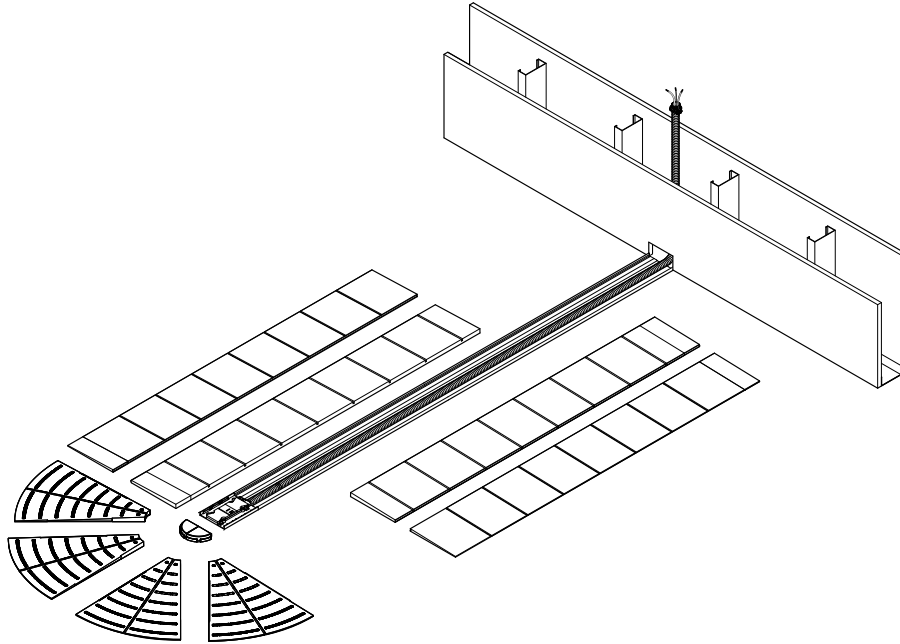
- 4** Securely fasten the Express Hub and bottom track to the floor using included screws, staggering every 18-24".



**Raceway Extensions are placed at the end of the base Express Kit, before moving to step 5*

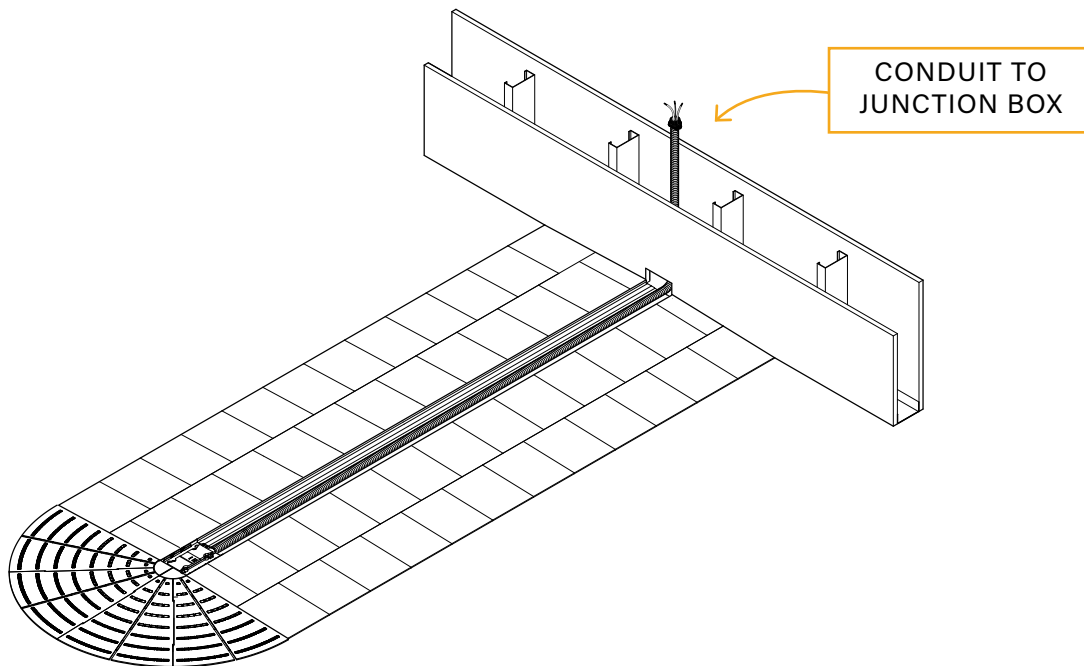
- 5** Completely surround the Express Hub and bottom track with the transition ramping system.

Use an appropriate construction adhesive for positioning.



Secure the ramps to the floor slab with 1/4" x 1 1/4" pin-drive anchors.

- 6** Connect flexible conduit to junction box in wall or ceiling.

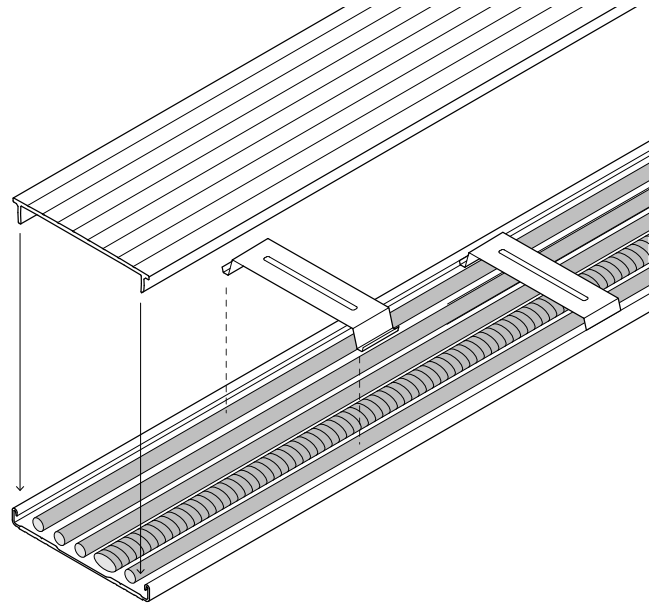




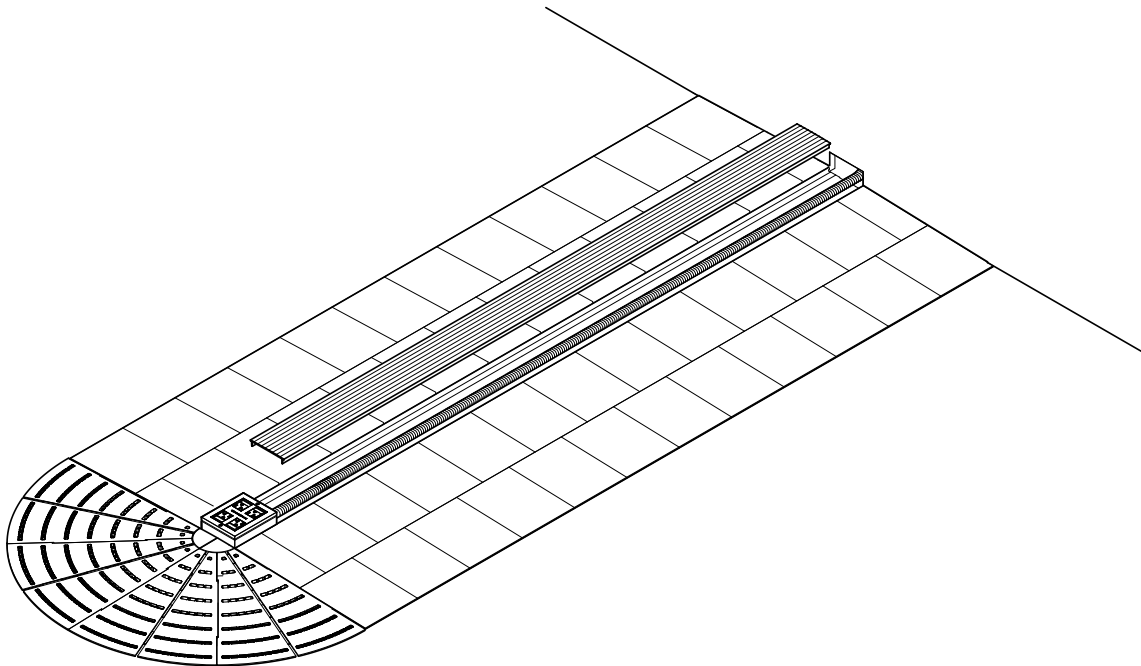
Pull any low-voltage cabling through the hole in the wall, and lay it evenly alongside the power conduit in the bottom channel. Ensure no cables are crossing over one another, using the included clips as shown.

TIP! Pull slightly from one end of the cable as you are installing top cover to ensure proper installation.

See capacity information on page 12.

**7**

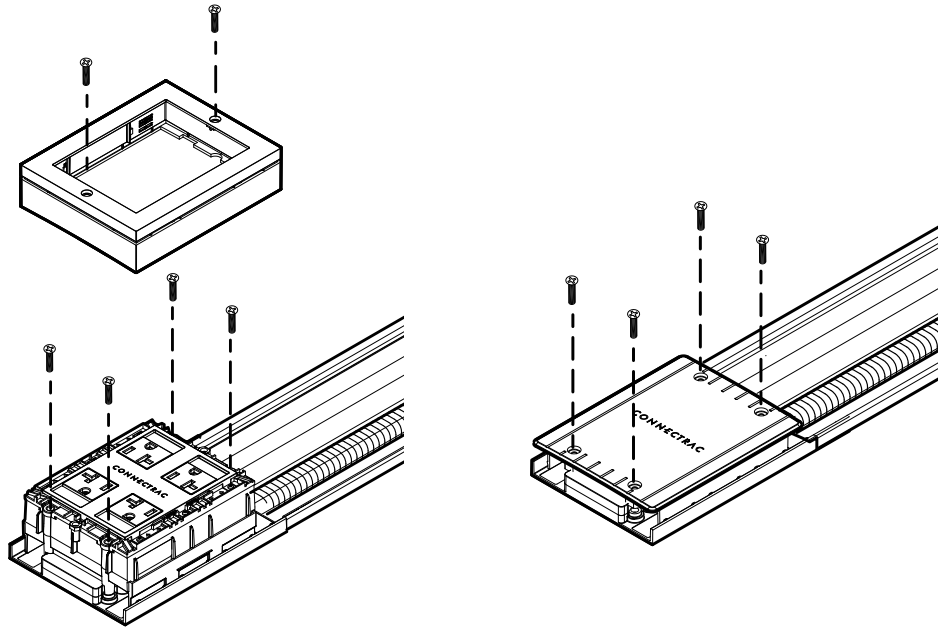
Trim the aluminum Top Covers if necessary and install them onto the bottom track.



TIP! The top covers are pre-cut for each length sold, but can be trimmed further if you need a custom length.

8

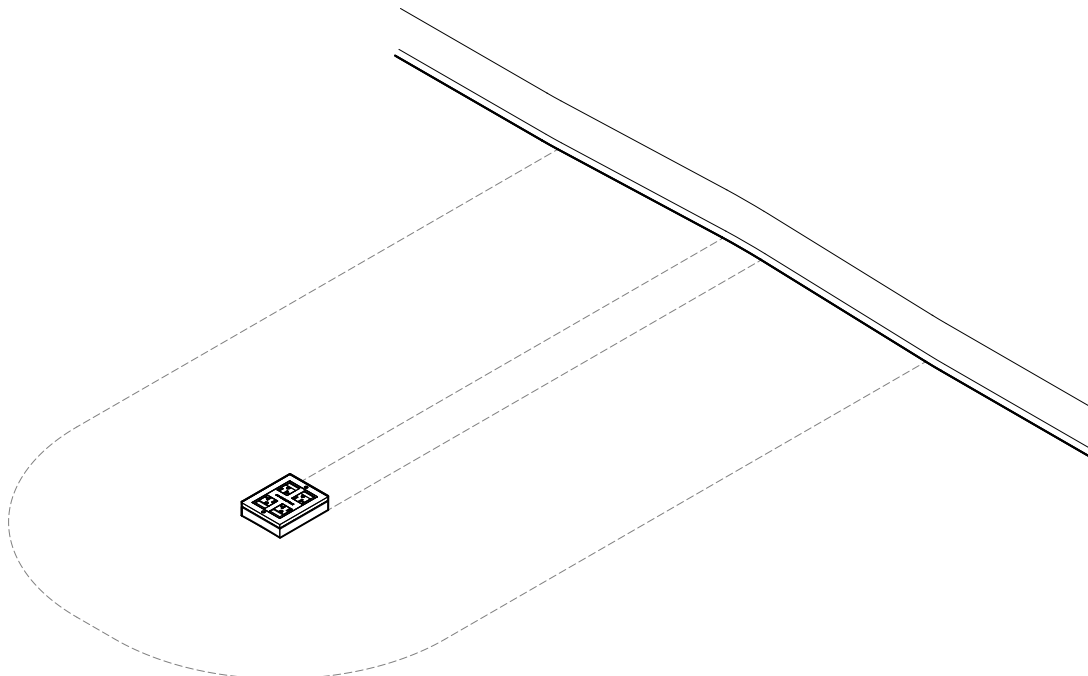
Align the Receptacle Device or Hubcap to the Express Hub, and press down firmly. Then use the screws indicated to securely fasten the component to the Hub as shown.



See page 10 for more information.

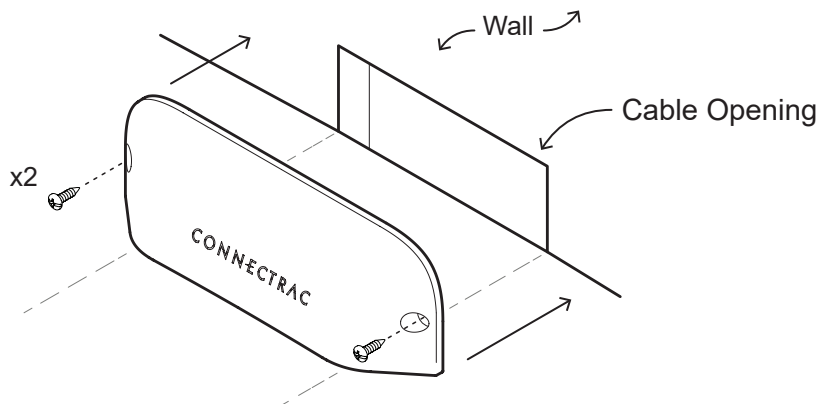
9

Install carpet, trimming around power and data devices.

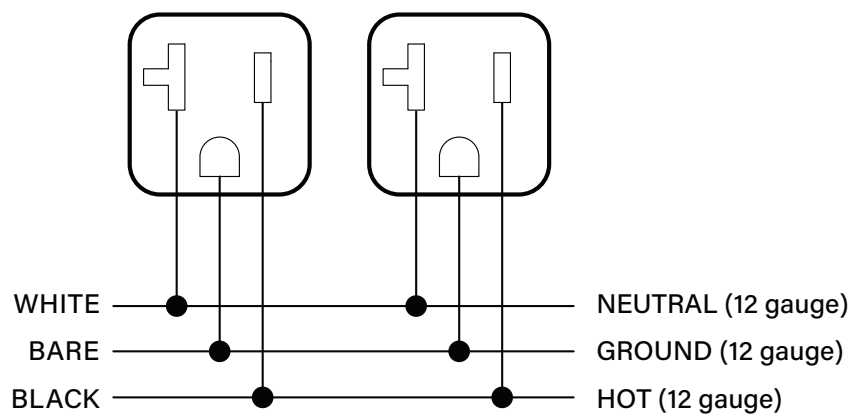


BASE TRIM

Use the Base Trim to cover the hole in the wall.

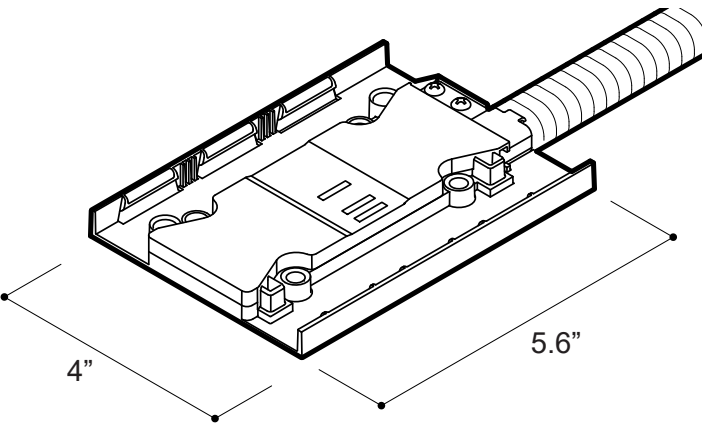


WIRING DIAGRAM



PARTS LIST - RACEWAY

EXPRESS HUB



Specifications

Material
PC Plastic

Country of Origin
Taiwan

Compliance
cULus Listed to US & Canadian
Safety Standards

Description

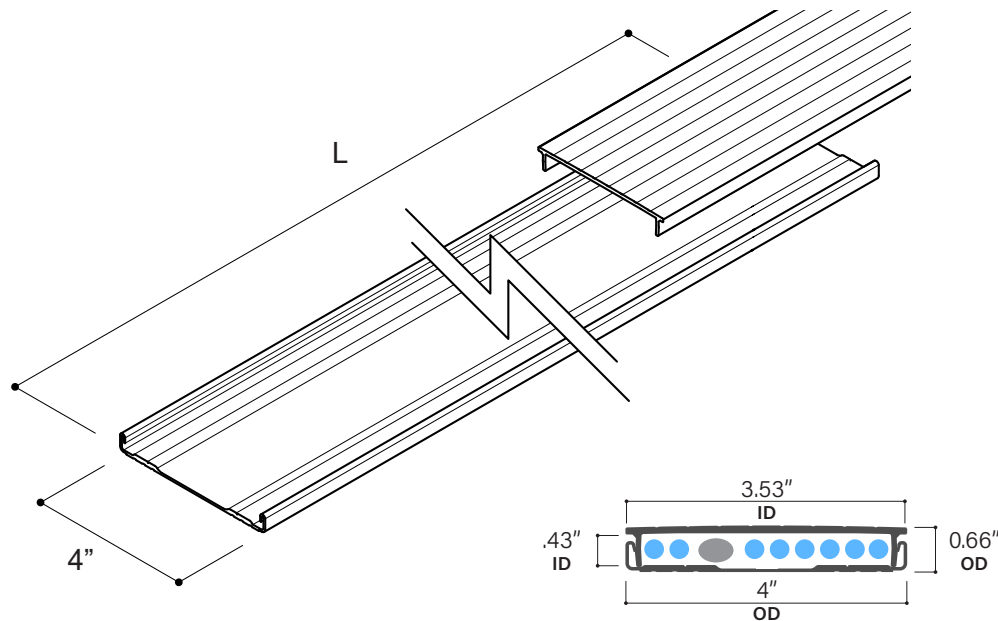
An Express Hub provides power access to the Express Receptacle Device. It comes pre-wired with an attached length of metallic flexible conduit to convert mains building power to the Express power system.

Associated Part Number	Description
CT.03-XP-HB.1-25.1c	EXPRESS POWER HUB w/ 25' attached conduit. Single circuit.

(continued on next page)

PARTS LIST - RACEWAY

POWER / DATA CHANNEL



Specifications

Material
Aluminum

Country of Origin
United States

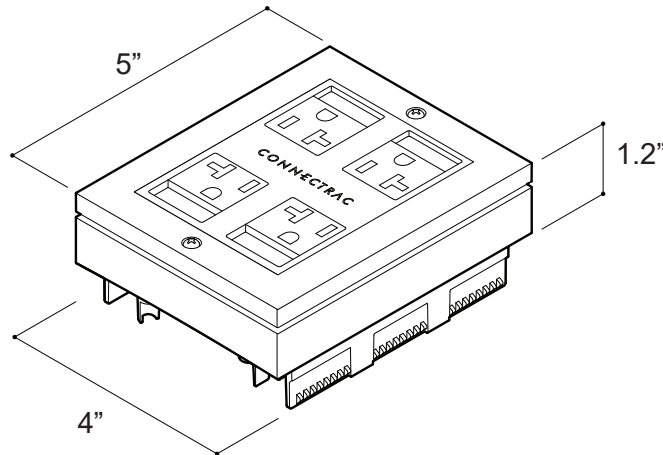
Description

Power/Data Channels are comprised of Top Covers and Bottom Tracks. Top Covers conceal and protect the power and data cabling, and are completely hidden under carpet tile. Bottom tracks are fastened to the floor, house the power and data cabling, and are available in various lengths (L). Each bottom track typically holds up to 8 cables.

Associated Part Number	Description
CT.01-DT.1-03	3' DATATRAC.
CT.01-DT.1-027	2' 6.5" [30.5"] DATATRAC.
CT.01-TC-FX.1-005	5" TOP COVER: FLEX/EXPRESS.
CT.01-TC-FX.1-022	2.25' [26.25"] TOP COVER: EXPRESS.
CT.01-TC-FX.1-03	3' TOP COVER: FLEX/EXPRESS.

PARTS LIST - DEVICES

RECEPTACLE DEVICE



Description

Express power devices quickly snap into any Express Hub. A Receptacle Device is a NEMA 5-20R quad power device available in various 4-circuit options.

Specifications

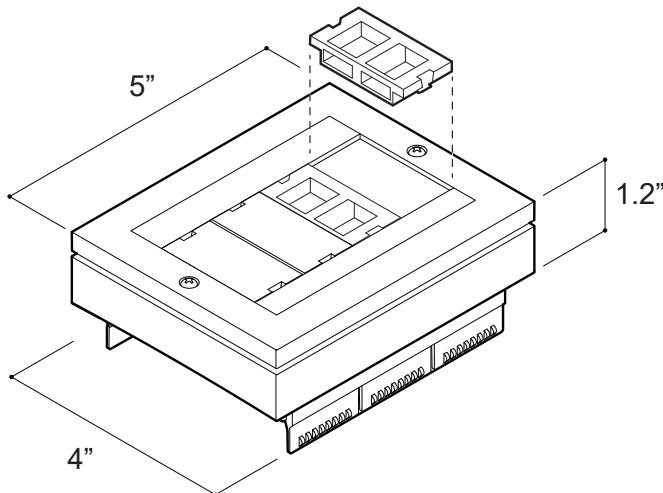
Material
PC Plastic

Color
Dark Gray

Country of Origin
Taiwan

Compliance
cULus Listed to US & Canadian
Safety Standards

DATA DEVICE



Description

Data devices easily snap into the raceway and are positioned next to the Receptacle Device. The Data Device is customizable and fits up to 8 low-voltage keystone modules.

Specifications

Material
PC Plastic

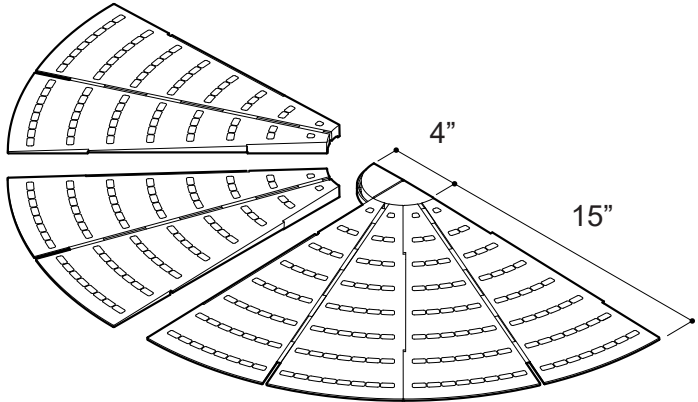
Color
Dark Gray

Country of Origin
China

Associated Part Number	Description
CT.C.PW1.1-Q11-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. All circuit 1. DARK GRAY
CT.C.DT2.1-DG	DATA DEVICE 2. DATA DEVICE. Fits up to (8) keystone modules. DARK GRAY.

PARTS LIST - RAMPS

END RAMPS



Specifications

Material
PC Plastic

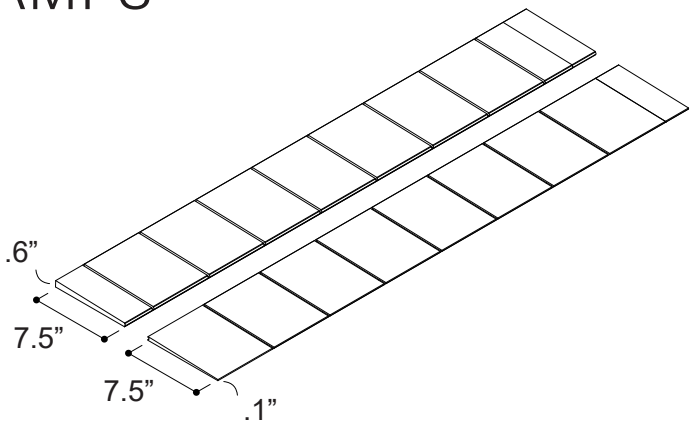
Country of Origin
China

Compliance
cULus Listed to US & Canadian
Safety Standards

Description

End Ramps sit at the end of the raceway channel, and help to transition the flooring material from the raceway to the surrounding flooring.

SIDE RAMPS



Specifications

Material
Moisture-resistant MDF

Country of Origin
United States

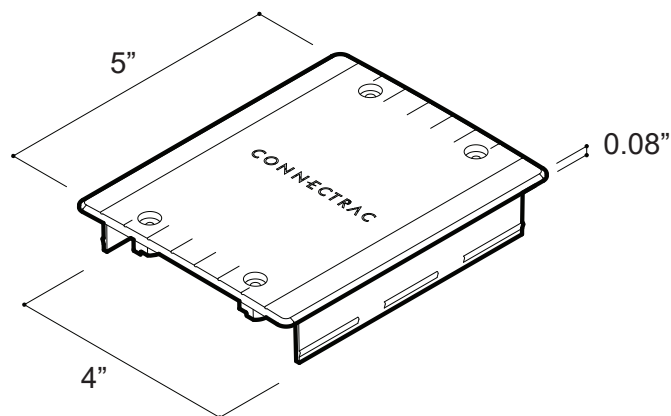
Description

Transition Ramps sit adjacent to a raceway, and help to transition the flooring material from the raceway to the surrounding flooring.

Associated Part Number	Description
CT.02-FM-ER.1	END RAMP: FLEX/FLEX-MAX end-of-raceway transition ramps.
CT.02-FM-SRa.1-03	3' SIDE RAMP a: FLEX/MAX *HIGH-side* piece. MDF. (4)
CT.02-FM-SRb.1-03	3' SIDE RAMP b: FLEX/MAX *LOW-side* piece. MDF. (4)

OPTIONAL ACCESSORIES

HUBCAP



Specifications

Material
Powder Coated Cast Aluminum

Color
Dark Gray

Country of Origin
China

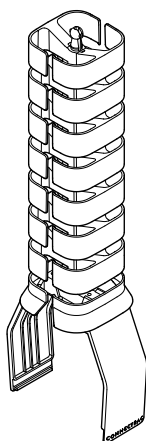
Compliance
cULus Listed to US & Canadian
Safety Standards

Description

A Hubcap can replace a Receptacle Device and creates a walkable surface.

Associated Part Number	Description
CT.C.DHC.1-FX-DG	DEVICE HUBCAP: FLEX. Covers raceway in lieu of device. DARK GRAY.

VERTICAL WIRE MANAGER



Specifications

Material
PC Plastic

Color
Dark Gray

Country of Origin
Taiwan

Description

The Vertical Wire Manager seamlessly snaps to the Receptacle and Data devices for easy cable management. It can be adjusted to fit either the long or short way on a device, and can slide to cover the area desired. Accommodates work surfaces between 30"- 48" in height off the floor.

Associated Part Number	Description
CT.AC-WMV.1-DG	VERTICAL WIRE MANAGEMENT accessory. Flexible pathway from raceway device to furniture. DARK GRAY.