CONNECTRAC®

A brand of **legrand®**

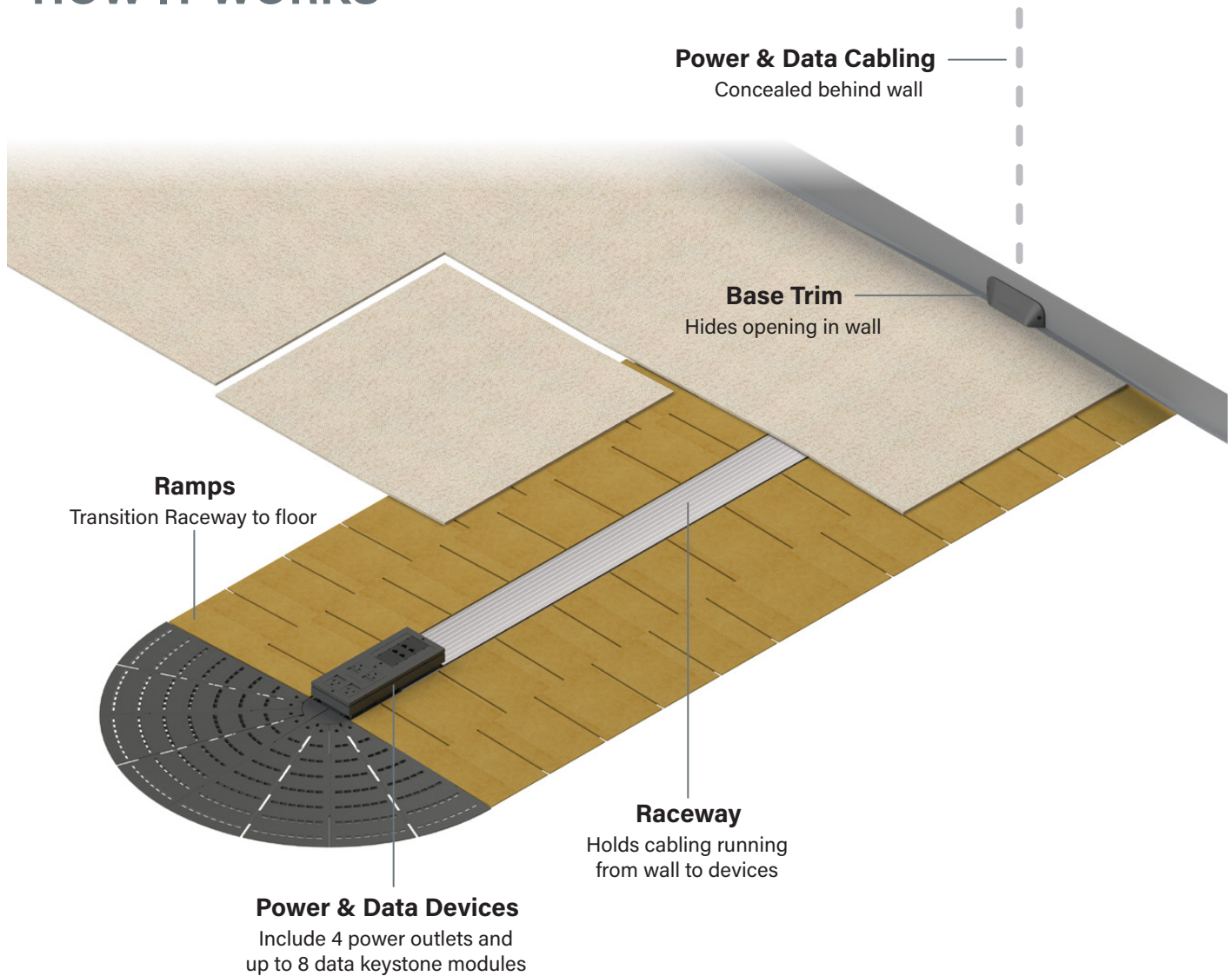# EXPRESS KIT SPEC GUIDE

For installation under carpet tile

Express Solution for Power & Data

Express Kits are a grab-and-go solution that conveniently manages both power and data cables. Our hidden under-carpet option works best under carpet tile for both retrofit and new construction applications.

Features & Benefits

- **Pre-Wired Power**
  Features a Receptacle Device that snaps into an Express Power Hub. This Hub is attached to a flexible steel conduit that is pre-wired for simple and quick installation.

- **Versatile Data**
  Data accommodates up to 8 Cat-6 data cables and holds up to 8 customizable keystone modules.

- **Low-Profile Transition Ramps**
  Ramps seamlessly transition the raceway to the floor and meet ADA compliance standards.

- **Non-Disruptive Installation**
  Easy to install and can be cut to size in the field, which allows more work during regular business hours.

- **Multiple Entrance Fitting Options.**
  Draw power from either the standard, in-wall entrance fitting, or draw power from Wiremold® Perimeter Raceways, using Raceway-to-Connectrac Transitions.
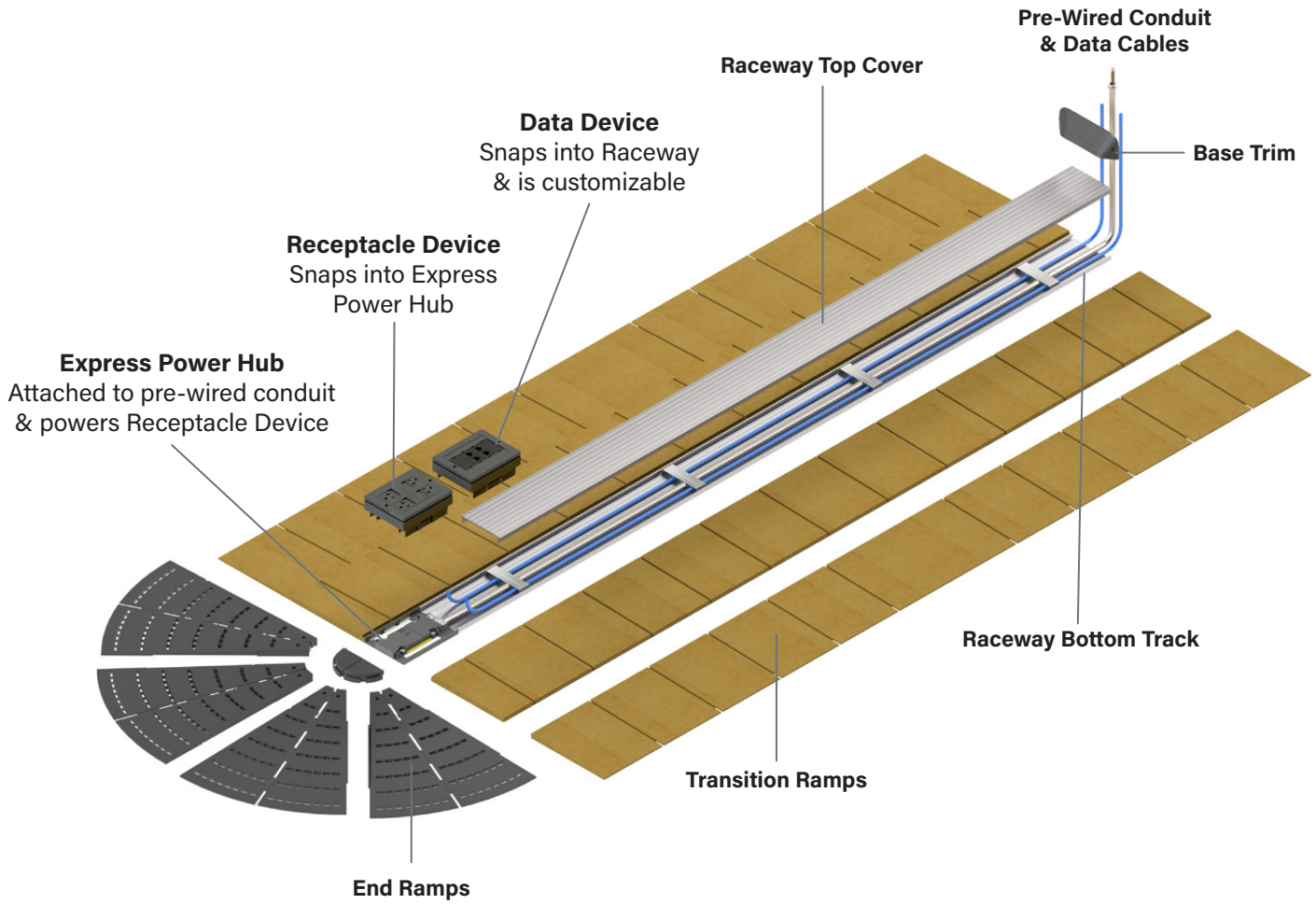
HOW IT WORKS

Power & Data Cabling
Concealed behind wall

Base Trim
Hides opening in wall

Ramps
Transition Raceway to floor

Raceway
Holds cabling running
from wall to devices

Power & Data Devices
Include 4 power outlets and
up to 8 data keystone modules

Total System Width: 34″
Total System Height: .65″
Maximum Raceway Length: 15′

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COMPONENTS

Pre-Wired Conduit
& Data Cables

Raceway Top Cover

Data Device
Snaps into Raceway
& is customizable

Base Trim

Receptacle Device
Snaps into Express
Power Hub

Express Power Hub
Attached to pre-wired conduit
& powers Receptacle Device

Raceway Bottom Track

Transition Ramps

End Ramps

PRODUCT LISTING

Our Express Kit for installation under carpet tile is a grab-and-go solution that comes complete with all the accessories you need for installation.

To specify, simply start with a 6' Express Kit and add on 3' extensions to reach your desired raceway length. Recommended not to exceed 15', as conduit is 25'.

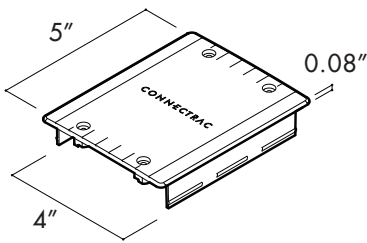| Part Number	Description
CT.XP.1-06-25.1c	6' EXPRESS under carpet kit w/ 25' single circuit conduit, quad receptacle & data device
CT.XP.1-EXT-03	3' Raceway Extension w/ non-powered raceway, tracks, & ramps

OPTIONAL ACCESSORIES

6″
0.43″
4″
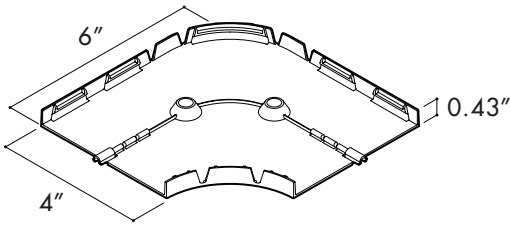
90˚ CORNER KIT
Allows Raceway to make a 90° turn.

Part Number:
CT.XP-AC-C90

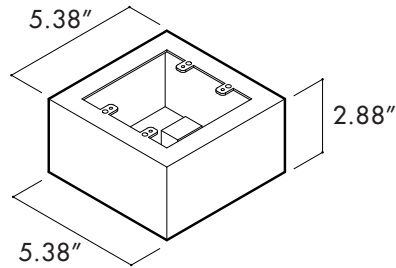*Description:*
EXPRESS under carpet CORNER.
90 degree complete kit

5″
0.08″
4″

HUBCAP
Covers raceway in lieu
of device
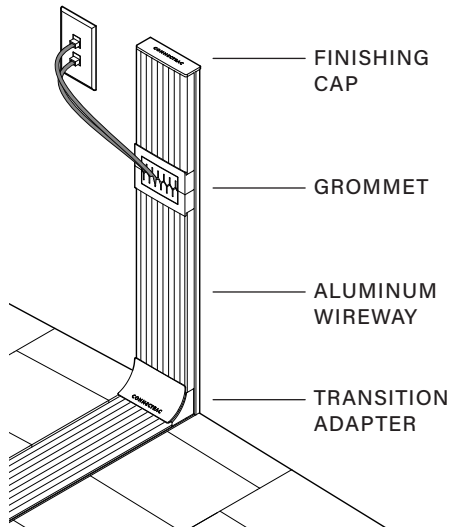
Part Number:
CT.C.DHC.1-FX-DG

Description:
Device Hubcap

5.38″
2.88″
5.38″

A/V DEVICE
Holds any standard
double-gang faceplate.

Part Number:
CT.C.DT3.1-DG

Description:
A/V Device

FINISHING
CAP

GROMMET

ALUMINUM
WIREWAY

TRANSITION
ADAPTER

WALL CHANNEL KIT
The Wall Channel Kit comes in two sizes (2′, 12′) and is used when
power/data cabling is running outside the wall. The 2′ Wall Channel
Kit is designed to connect to an existing wall outlet box, while the
12′ Wall Channel Kit is designed for running conduit up the wall to
connect to a junction box. Both sizes can be cut to size in the field.

Part Number:
CT.XP-AC-WT-02-SV
CT.XP-AC-WT-12-SV

Description:
2′ Wall Channel Kit
12′ Wall Channel Kit
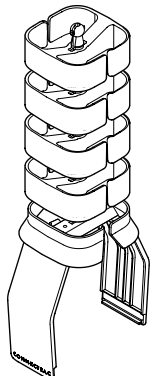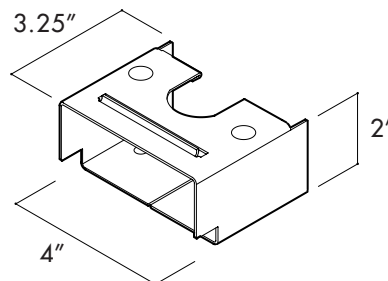
VERTICAL WIRE MANAGER
Attaches to any power or data
device to manage cabling.

Part Number:
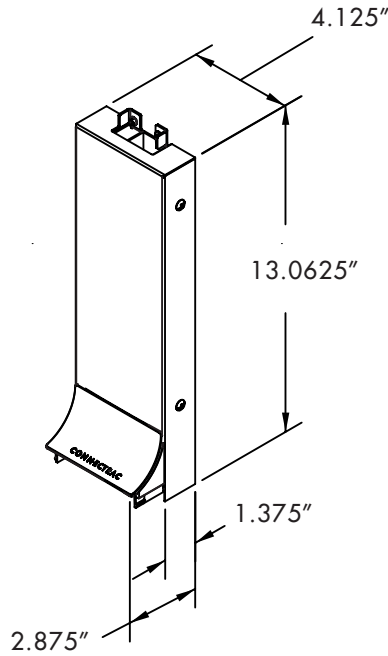CT.AC-WMV.1-DG

Description:
Vertical Wire Manager

3.25″
2″
4″

ROUGH-IN FRAME
Installed before drywall to
provide a rough opening
for cabling.
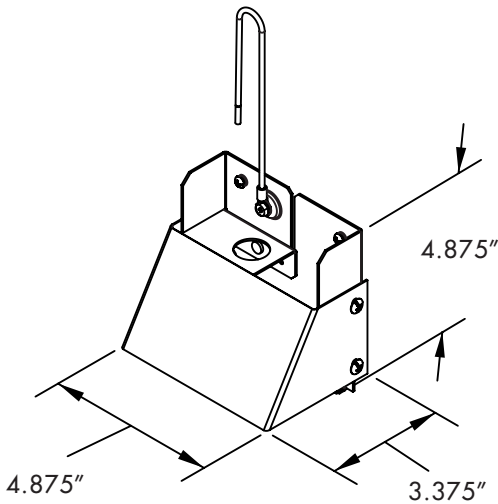
Part Number:
CT.AC-RIF.1

Description:
Rough-In Frame

WIREMOLD® RACEWAY TRANSITIONS

4.125″
13.0625″
1.375″
2.875″

2400D® Series Raceway Transition

The Raceway Transition Fitting allows the feeding of power and data to the wireway from a 2400D® Series Raceway mounted on a wall. The steel constructed transition is available in either a painted Ivory finish or Fog White finish to match the on-wall raceway.

Part Number:	Description:
V2400CT1	2400D Raceway-to-Connectrac Transition Fitting. Surface-mounted. Ivory
FW2400CT1	2400D Raceway-to-Connectrac Transition Fitting. Surface-mounted. Fog White

4.875″
4.875″
3.375″

4000® Series Raceway Transition

The Raceway Transition Fitting allows the feeding of power and data to the wireway from a 4000® Series Raceway mounted on a wall. The steel constructed transition is available in either a painted Ivory finish or Gray finish to match the on-wall raceway.
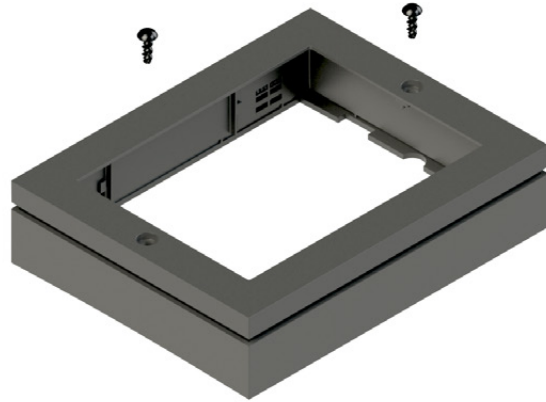
Part Number:	Description:
G4000CT1	4000 Raceway-to-Connectrac Transition Fitting. Surface-mounted. Gray
V4000CT1	4000 Raceway-to-Connectrac Transition Fitting. Surface-mounted. Ivory

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RECEPTACLE DEVICE

These components are included with each quad device:
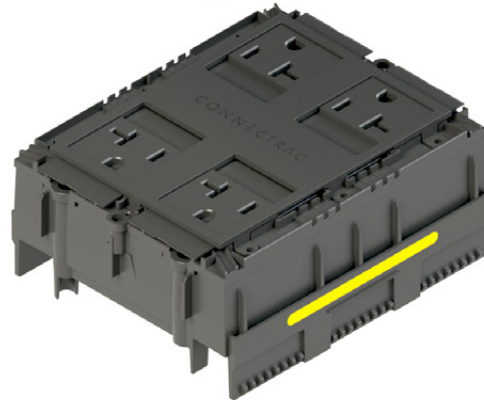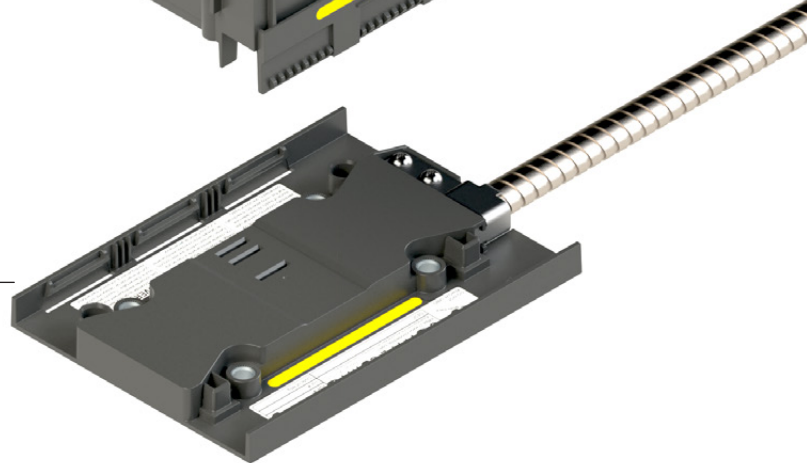
DEVICE COVER
Attaches to top of Receptacle Device

RECEPTACLE DEVICE
Snaps into Express Power Hub

EXPRESS POWER HUB
Provides power to Receptacle Device and
is attached to a flexible steel conduit that
is pre-wired

DEVICE INFORMATION

NAME: Receptacle Device

DESCRIPTION: The Receptacle Device is a 20-amp quad
power device available in a single-circuit
option.

ELECTRICAL
LISTING: **US:** This device meets UL 111 standards for
multioutlet assemblies.

Canada: This device meets CAN/CSA
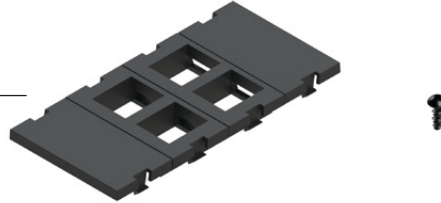22.2 No. 62 standards for surface raceway
systems.

5″ 1.2″ 4″
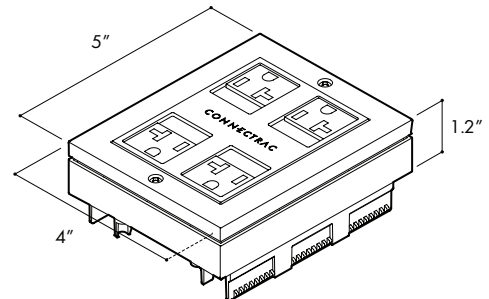
DATA DEVICE
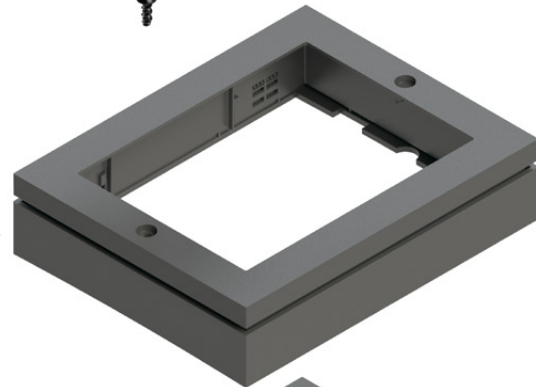
These components are included with each data device:

DATA
Provides unloaded modules to
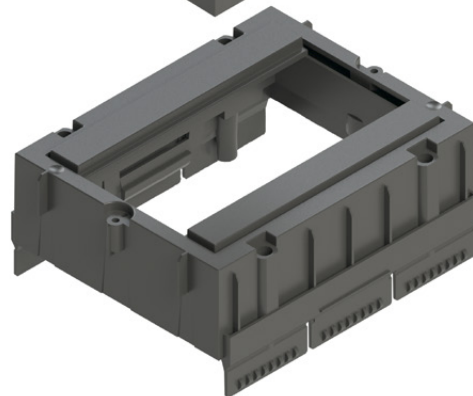mount up to 8 keystone modules,
as well as blanks if necessary

DEVICE COVER
Attaches to top of Data Device

DATA DEVICE
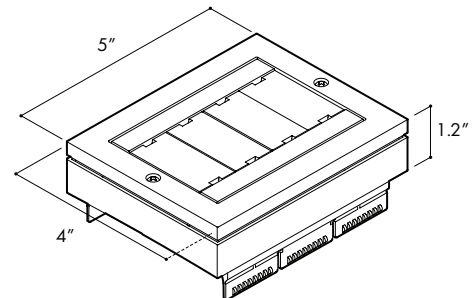Snaps into Wireway next to Receptacle Device
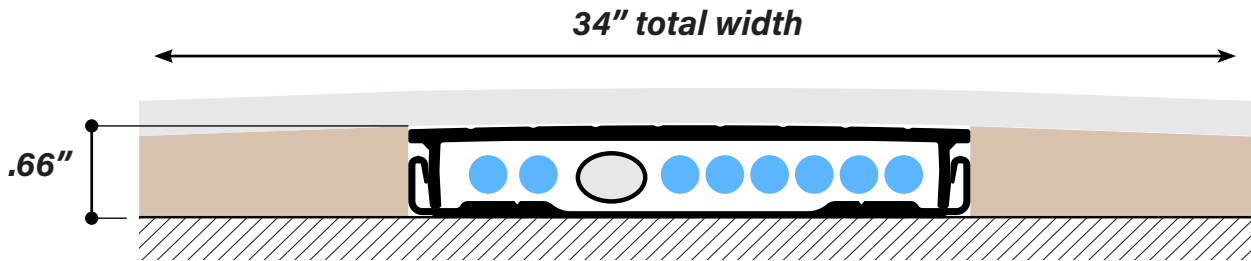
DEVICE INFORMATION

NAME: Data Device

DESCRIPTION: The Data Device is customizable and fits
                up to 8 keystone modules.

5"

1.2"

4"

TECHNICAL INFO

RACEWAY CAPACITY

Alongside the shielded flexible power conduit, the Raceway can accomodate up to 8 low-voltage cables (data, telecom, AV):

34" total width

.66"

RACEWAY DIMENSIONS

|	
Outside Dimensions:	**4" x .66"**
Inside Dimensions:	**3.5" x .43"**

WEIGHT CAPACITY

Connectrac systems are designed to withstand loads up to 1000 pounds.
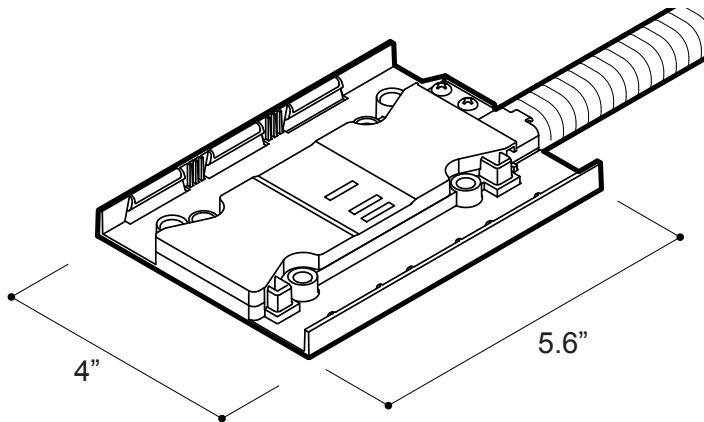
WIRING DIAGRAM

Express Kits are single-circuit, pre-wired systems. The flexible conduit includes a 1/2" knockout fitting and typically connects to a junction box in the wall or ceiling.

WHITE —————— NEUTRAL (12 gauge)
BARE —————— GROUND (12 gauge)
BLACK —————— HOT (12 gauge)
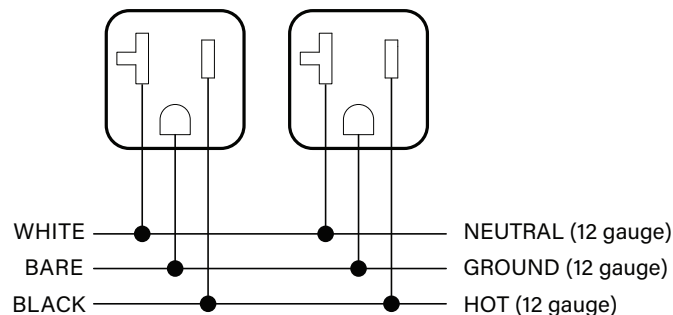
PARTS LIST - RACEWAY

EXPRESS HUB

4"

5.6"

Specifications

Material
PC Plastic

Country of Origin
Taiwan

Compliance
cULus Listed to US & Canadian Safety Standards
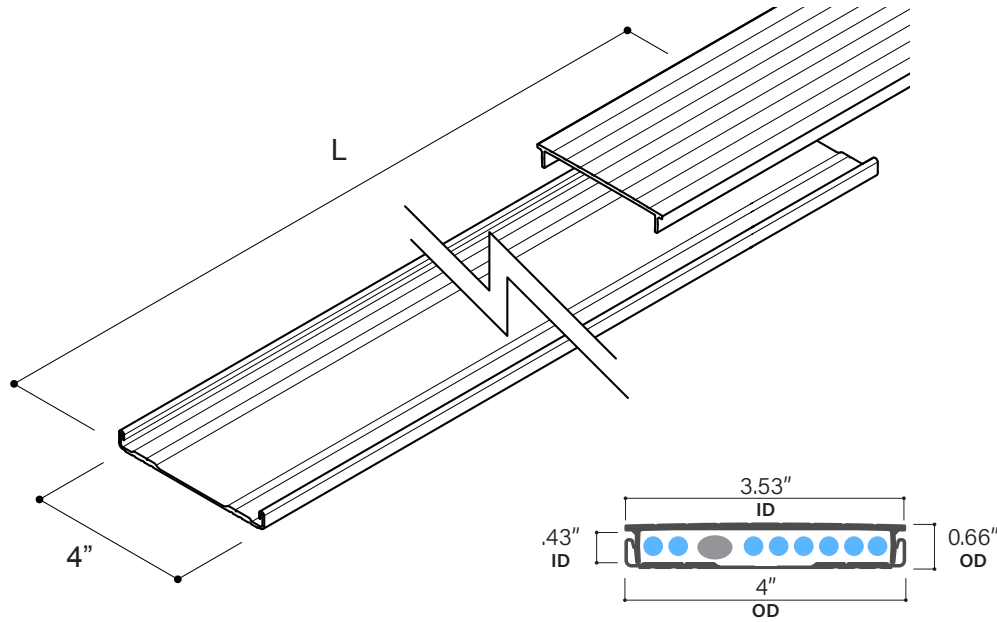
Description

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

L

4"

Specifications

Material
Aluminum

Country of Origin
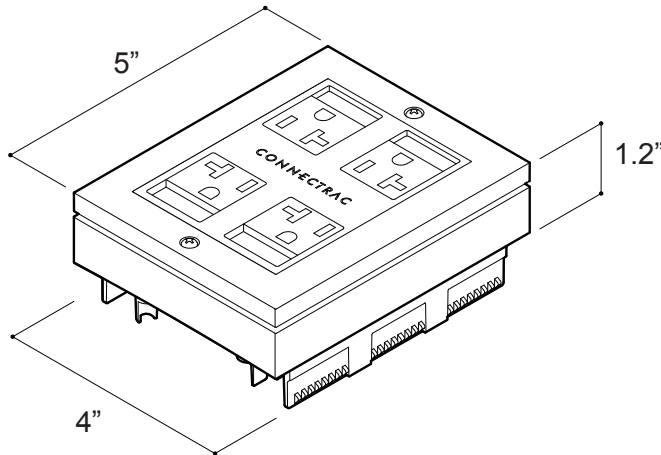United States

3.53"
ID

.43"
ID

0.66"
OD

4"
OD

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

5"
1.2"
4"

Specifications

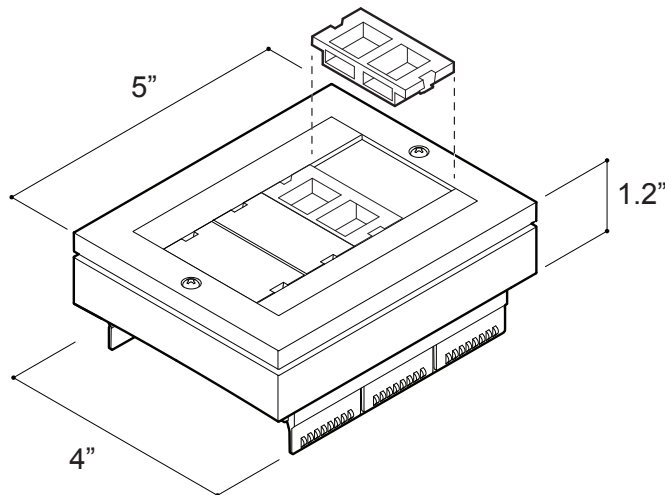**Material**
PC Plastic

Color
Dark Gray

Country of Origin
Taiwan

Compliance
cULus Listed to US & Canadian Safety Standards

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.

DATA DEVICE

5"
1.2"
4"

Specifications

Material
PC Plastic

Color
Dark Gray

Country of Origin
China

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.

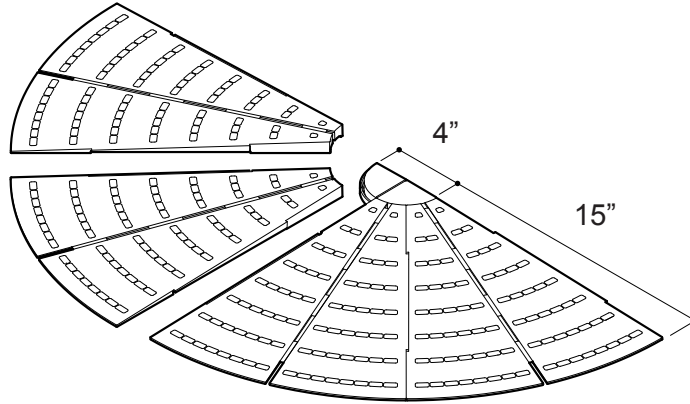| Associated Part Number	Description
CT.C.PW1.1-Q11-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. All circuit 1. DARK GRAY
CT.C.DT2.1-DG	DATA DEVICE 2. DATA DEVICE. Fits up to (8) keystone modules. DARK GRAY.

PARTS LIST - RAMPS

END RAMPS

4"

15"

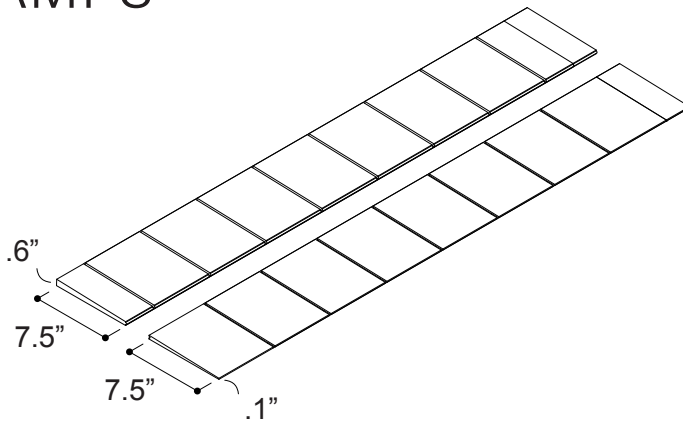### Specifications

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

.6"

7.5"

7.5"

.1"

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)