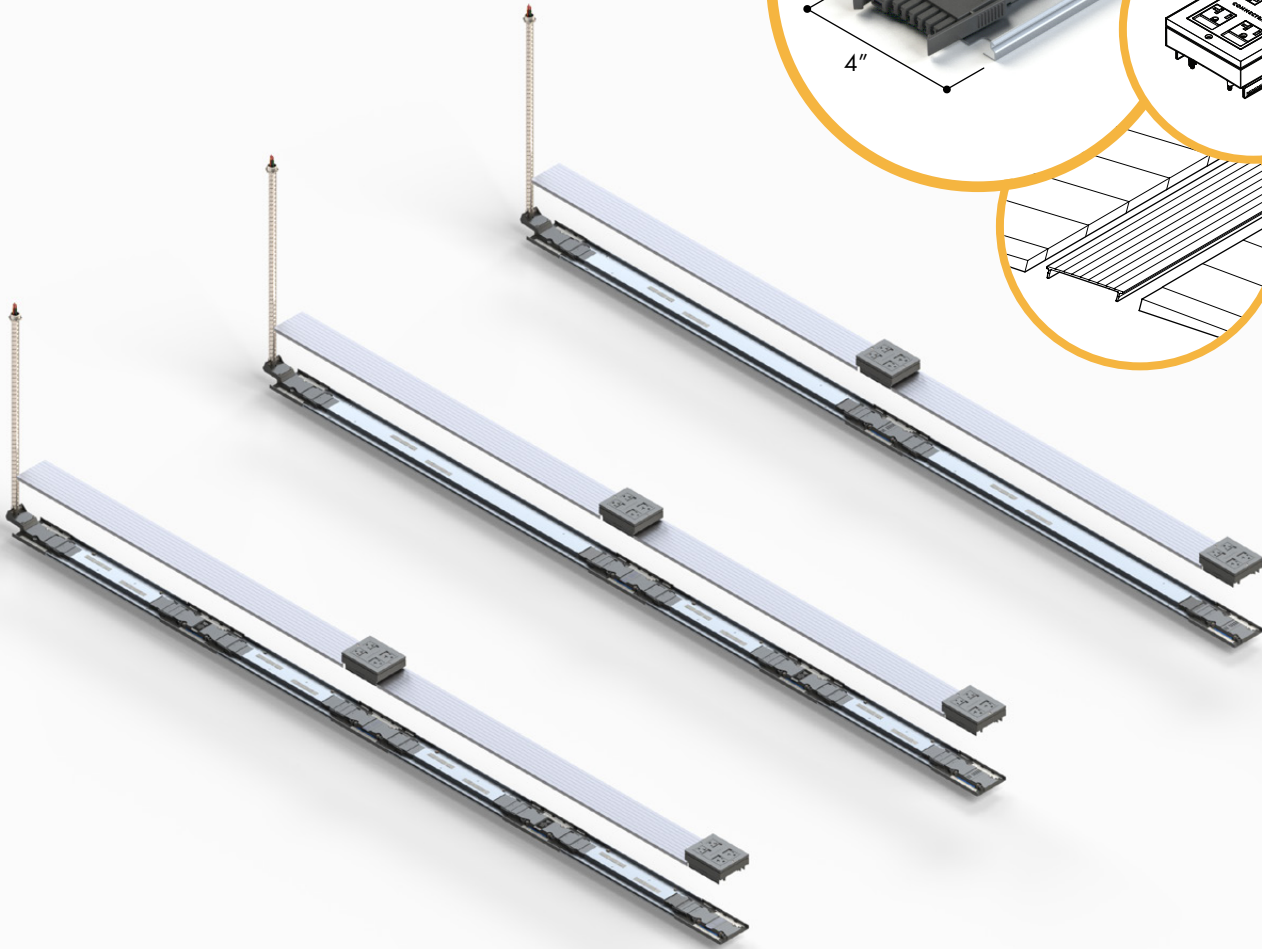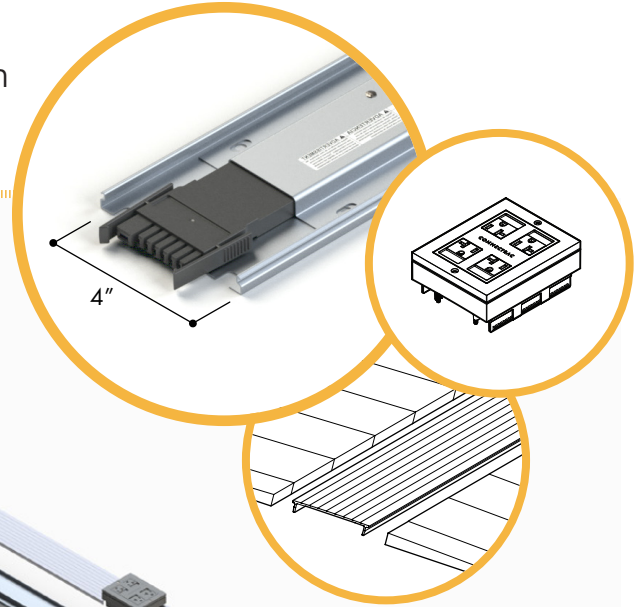CONNECTRAC.
A brand of legrand

TECHNICAL GUIDE

A complete handbook of Flex technical information
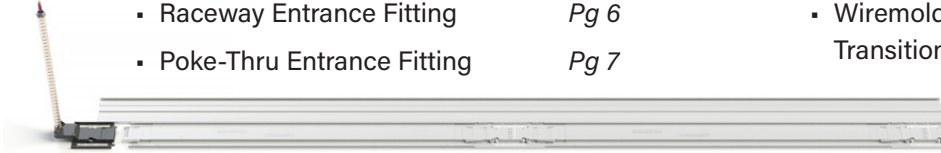
Includes FX, ON, and MX series

4″

General Info & Questions

Contact us any time! | 📞 877.480.5637 | ✉ info@connectrac.com | 🌐 connectrac.com

TABLE OF CONTENTS

TABLE OF CONTENTS

i ADDITIONAL INFORMATION

CONNECTRAC.
A brand of legrand

IN-WALL ENTRANCE FITTING

4.6"

0.56"

0.47"

4"

Specifications

Material
PC Plastic
Galvanized Steel

Country of Origin
Taiwan

Compliance
Listed to UL 111 standards in the US, and CSA 22.2 No. 62 standards in Canada

Description

Entrance Fittings are quick connectors that power the entire Flex raceway by converting the building mains power to the Flex 4-circuit power system. The In-Wall Entrance Fitting starts at the wall and is used when power/data cabling is running INSIDE the wall. It is attached to a flexible steel conduit that is pre-wired and available in two lengths (15', 30'). The flexible conduit includes a 1/2" knockout fitting and typically connects to a junction box in the wall or ceiling.

Ordering Information | *Simply order the Entrance you need for your raceway*

Associated Part Number	Description
CT.A1.1-15.4c	ENTRANCE FITTING 1. IN-WALL w/ 15' pre-wired conduit. 4-circuit.
CT.A1.1-30.4c	ENTRANCE FITTING 1. IN-WALL w/ 30' pre-wired conduit. 4-circuit.

CONNECTRAC
A brand of legrand

SURFACE-MOUNTED ENTRANCE FITTING

Specifications

Material
PC Plastic
Galvanized Steel

Color
Silver

Country of Origin
Taiwan

Compliance
Listed to UL 111 standards in the US, and CSA 22.2 No. 62 standards in Canada

Entrance Fitting inside Assembly

- *Walltrac*
- *Grommet*
- *Transition Adapter*

4"

4"

0.47"

Description

Entrance Fittings are quick connectors that power the entire Flex raceway by converting the building mains power to the Flex 4-circuit power system. The Surface-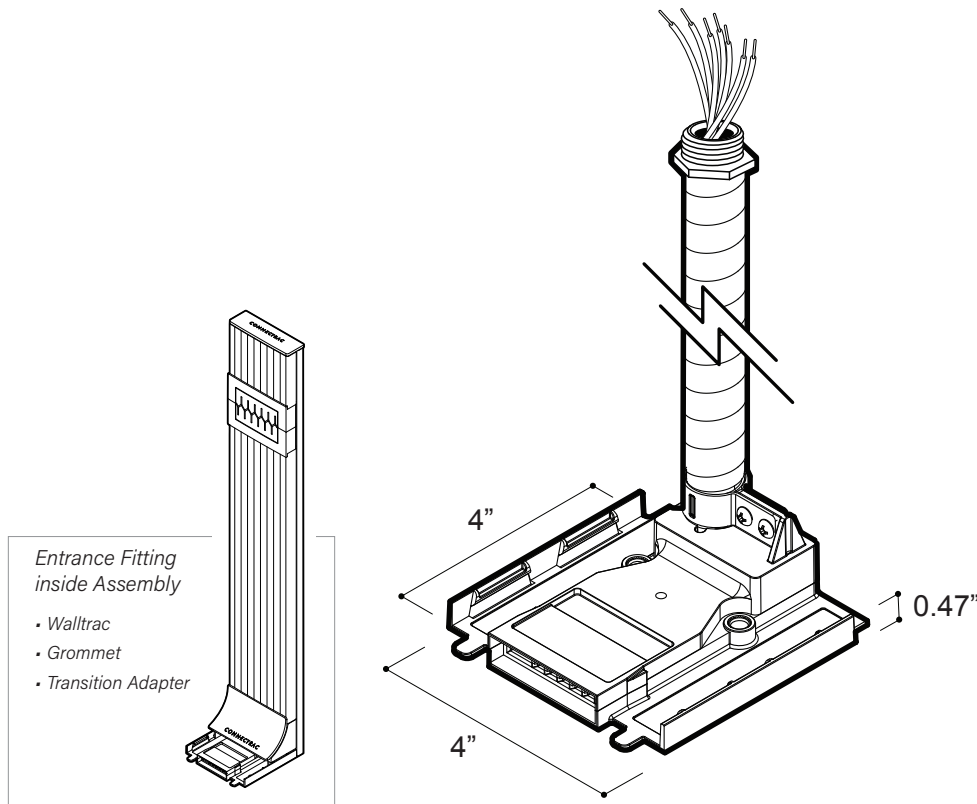Mounted Entrance Fitting starts at the wall and is used when power/data cabling is running OUTSIDE the wall. It is attached to a flexible steel conduit that is pre-wired and available in three lengths (3′, 15′, 30′). The flexible conduit includes a 1/2″ knockout fitting and typically connects to a junction box in the wall or ceiling. All surface mounted Entrance fittings come with a wall channel kit that encases the conduit in an aluminum extrusion.

Ordering Information | *Simply order the Entrance you need for your raceway*

Associated Part Number	Description
CT.A2.1-02-03.4c	ENTRANCE FITTING 2. SURFACE-MOUNTED w/ 2′ Walltrac & 3′ pre-wired conduit. 4-circuit.
CT.A2.1-12-15.4c	ENTRANCE FITTING 2. SURFACE-MOUNTED w/ 12′ Walltrac & 15′ pre-wired conduit. 4-circuit.
CT.A2.1-12-30.4c	ENTRANCE FITTING 2. SURFACE-MOUNTED w/ 12′ Walltrac & 30′ pre-wired conduit. 4-circuit.

CONNECTRAC.
A brand of legrand

RACEWAY ENTRANCE FITTING

3.9375"

4"
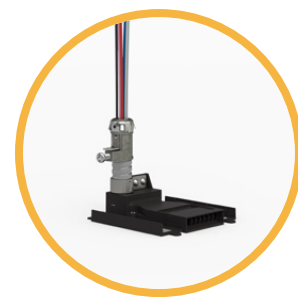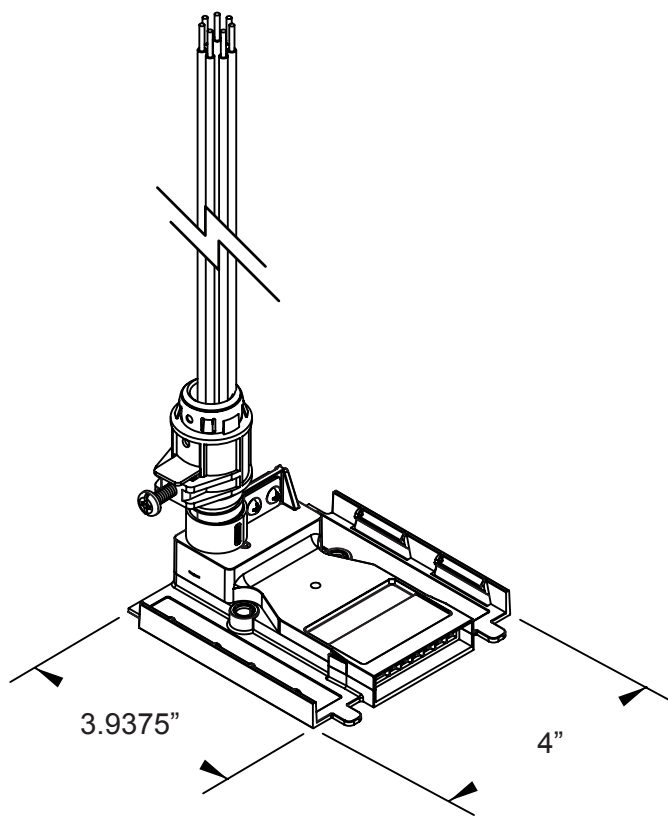
Specifications

Material
PC Plastic
Galvanized Steel

Country of Origin
Taiwan

Compliance
cULus Listed: Surface Metal
Raceway System

Description

The Raceway Entrance Fitting is a quick connector that powers the entire Flex raceway by sourcing power from Wiremold® Perimeter Raceways. The Raceway Entrance Fitting must be used with the compatible 2400D® or 4000® Series raceway transitions. The entrance fitting comes with a 3" flexible steel or "Flex" conduit for easy connections within the transition.

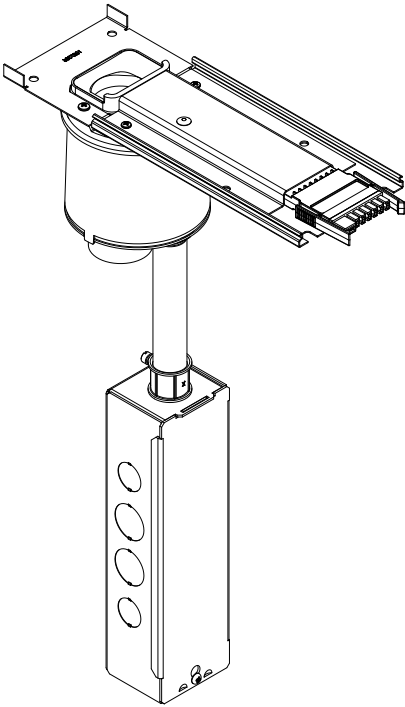## Ordering Information | *Simply order the Entrance you need for your raceway*

Associated Part Number	Description
CT.A2.2-003.4C	RACEWAY ENTRANCE FITTING w/ 3' pre-wired conduit. 4-circuit.

CONNECTRAC
A brand of ⌐⌐ legrand

POKE-THRU ENTRANCE FITTING

Specifications

Material
Galvanized Steel
Intumescent
PC Plastic

Country of Origin
China

Compliance
cULus Listed to US & Canadian
Safety Standards

Description

The Poke-Thru Entrance allows the Connectrac Flex® Raceway system to be started at nearly any point along a concrete floor, eliminating the need to feed power and data from a nearby wall. The specially designed poke-thru and entrance fitting provides a low-profile transition that fits into a 4" core-drilled opening, perfect for new builds or retrofits. The poke-thru can be used with either the On-Floor or Under-Carpet Flex Raceway Systems.

Ordering Information

*The Poke Thru Entrance requires a 4" Poke-Thru Transition to start the system **and** a compatible entrance fitting(s) to match the desired type of installation. Choose one of each.*

4" Poke-Thru Transition

Associated Part Number	Description
CTPT4	4" Poke-Thru Transition for Connectrac Flex

Entrance Fitting to Match Installed Application:

Associated Part Number	Description
CTFXP	Under-Carpet Poke-Thru Entrance Fitting for Powertracs
CTFXD	Under-Carpet Poke-Thru Entrance Fitting for Datatracs
CTONP-SV	On-Floor Poke-Thru Entrance Fitting for Powertracs, Silver
CTONP-DG	On-Floor Poke-Thru Entrance Fitting for Powertracs, Dark Gray
CTOND-SV	On-Floor Poke-Thru Entrance Fitting for Datatracs, Silver
CTOND-DG	On-Floor Poke-Thru Entrance Fitting for Datatracs, Dark Gray
CTMXP-SV	In-Carpet Poke-Thru Entrance Fitting for Powertracs, Silver
CTMXP-DG	In-Carpet Poke-Thru Entrance Fitting for Powertracs, Dark Gray
CTMXD-SV	In-Carpet Poke-Thru Entrance Fitting for Datatracs, Silver
CTMXD-DG	In-Carpet Poke-Thru Entrance Fitting for Datatracs, Dark Gray

Powertrac/Power Device Note:

The Poke-Thru Entrance Fitting is designed to connect directly to a power hub which can be populated with a power device, hardwire device or covered with a hubcap.

A Powertrac can be connected from the power hub to extend the length of the raceway.

This differs from wall entrance fittings which are designed to connect directly with a Powertrac to start the run.
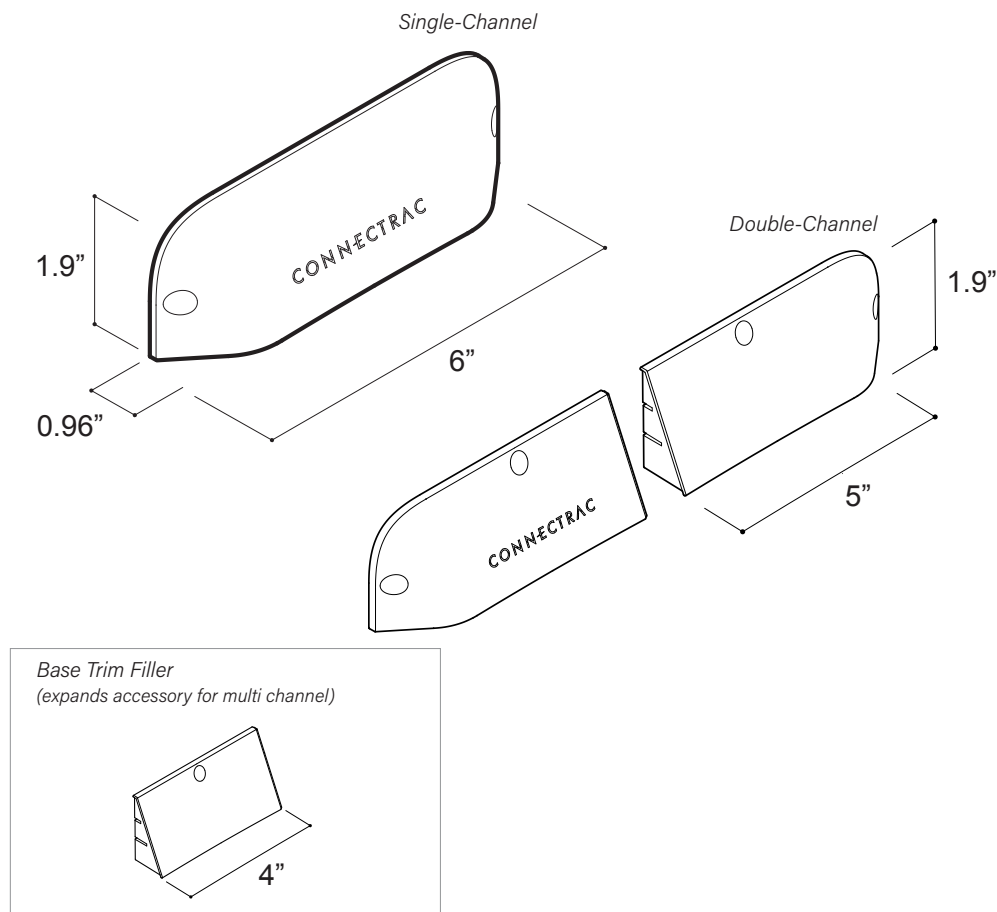
CONNECTRAC.
A brand of legrand

BASE TRIM

Single-Channel

1.9"

0.96"

6"

Double-Channel

1.9"

5"

Base Trim Filler
(expands accessory for multi channel)

4"

Specifications

Material
PC Plastic

Color
Dark Gray

Country of Origin
Taiwan

Compliance
Listed to UL 111 standards in the US, and CSA 22.2 No. 62 standards in Canada

Description

Base Trim covers the hole in the wall and is placed at the entrance of the raceway.

Ordering Information | *Simply order the Base Trim you need for your raceway*

Associated Part Number	Description
CT.AC-BTR1.1-DG	BASE TRIM 1 accessory for single-channel raceway. Hides openings in walls or furniture. DARK GRAY.
CT.AC-BTR2.1-DG	BASE TRIM 2 accessory for double-channel raceway. Hides openings in walls or furniture. DARK GRAY.
CT.AC-BTRF.1-DG	BASE TRIM FILLER accessory. Expands Base Trim 2 to accommodate 3 or more channels. DARK GRAY.

DATA CHANNEL WALLTRAC

Specifications

Material
PC Plastic
Extruded Aluminum

Color
Silver

Country of Origin
US & China

Compliance
Listed to UL 111 standards in
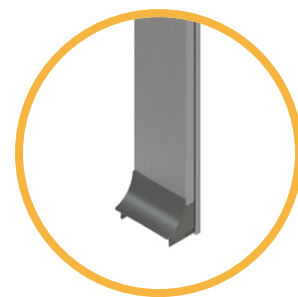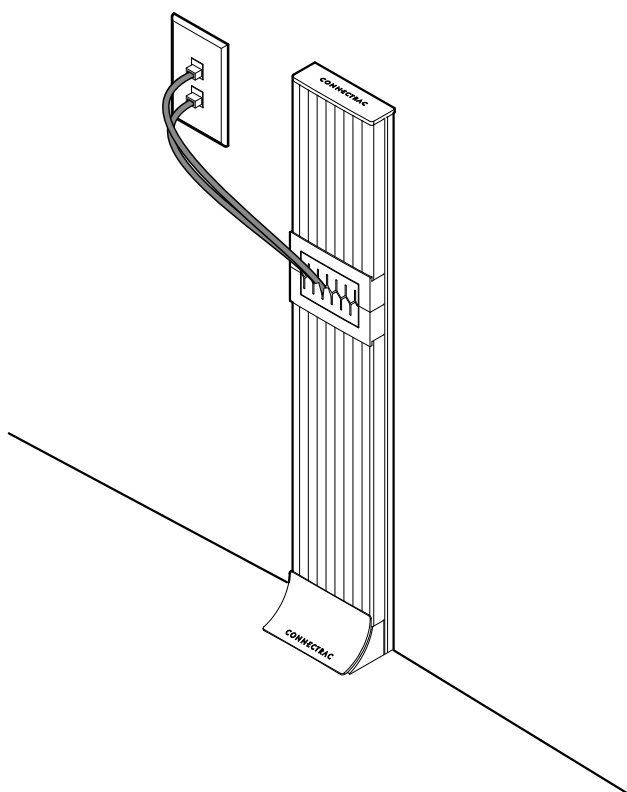the US, and CSA 22.2 No. 62
standards in Canada

Description

A Data Channel Walltrac is an extruded aluminum encasement that sits on the outside of a wall,
and connects to a Datatrac. This is used to cover the data cables that come from the building.

Ordering Information | *Simply order the Data Channel Walltrac you need for your raceway*

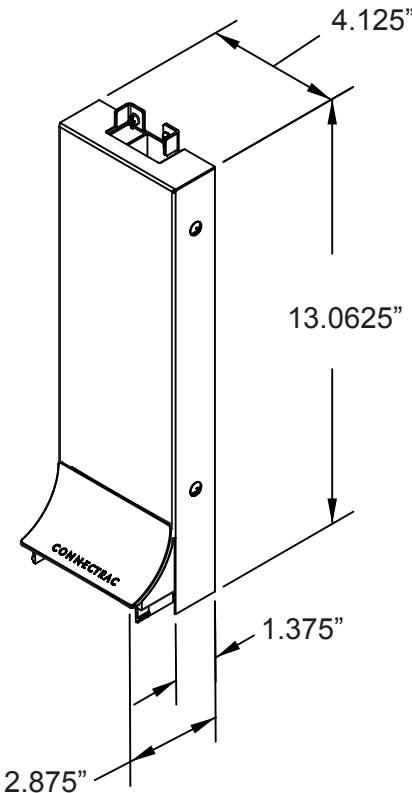| Associated Part Number	Description
CT.B.WT.1-02-SV	2' RACEWAY WALLTRAC surface-mounted top cover & datatrac. SILVER.
CT.B.WT.1-12-SV	12' RACEWAY WALLTRAC surface-mounted top cover & datatrac. SILVER.

CONNECTRAC.
A brand of legrand

2400D® Series Raceway Transition

4.125"

13.0625"

1.375"

2.875"

Specifications

Material
PC Plastic
Steel

Color
Ivory, Fog White

Country of Origin
US

Compliance
cULus Listed: Surface Metal
Raceway System

Description

This single channel transition allows the Flex raceway to be fed power from a 2400D Series Raceway. This transition is surface-mounted on the wall and must be used with the CT. A2.2-003.4C entrance end fitting specifically designed for raceway transitions.

The transition allows for a maximum of 7 data cables (CAT 6) to be used within the Flex system that is fed from the 2400D Series raceway. The transition only supports a single powertrac run and is not compatible with additional datatracs.

Ordering Information | *Simply order the Raceway Transition you need for your raceway*

Associated Part Number	Description
V2400CT1	2400D Raceway-to-Connectrac Transition Fitting. Surface-mounted. IVORY
FW2400CT1	2400D Raceway-to-Connectrac Transition Fitting. Surface-mounted. FOG WHITE

CONNECTRAC®
A brand of legrand®

4000® Series Raceway Transition

Single-Channel

4.875"

4.875" 3.375"

Double-Channel

4.875"

8.625"

3.375"

Triple-Channel

4.875"

12.375"

3.375"

Specifications

Material
PC Plastic
Steel

Color
Gray, Ivory

Country of Origin
US

Compliance
cULus Listed: Surface Metal
Raceway System

Description

This transition allows the Flex raceway to be fed power and data from a 4000 Series Raceway. This transition is surface-mounted on the wall and must be used with the CT. A2.2-003.4C entrance end fitting / raceway entrance fitting, specifically designed for raceway transitions.
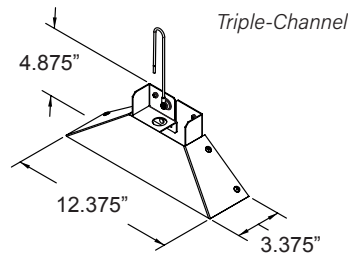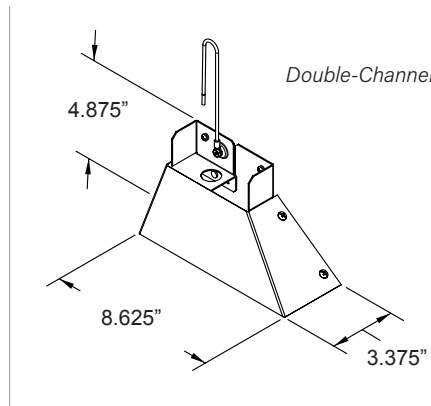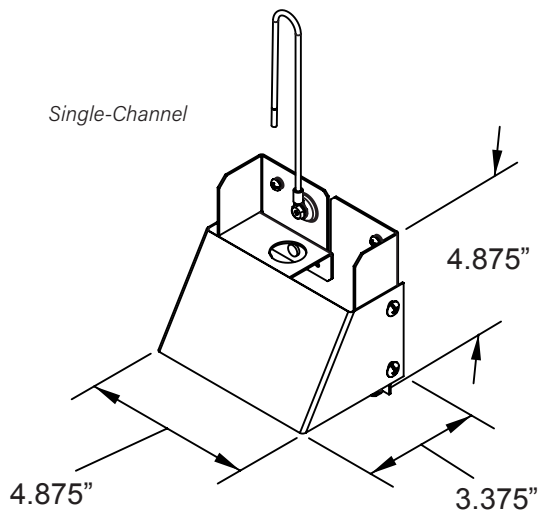
The 4000 Series Raceway Transition comes in 3 different channel widths to accommodate installations with adjoining datatracs. The maximum data cable capacity when used with the 4000 Series raceway is 28 data cables (CAT 6).

Ordering Information | *Simply order the Raceway Transition you need for your raceway*

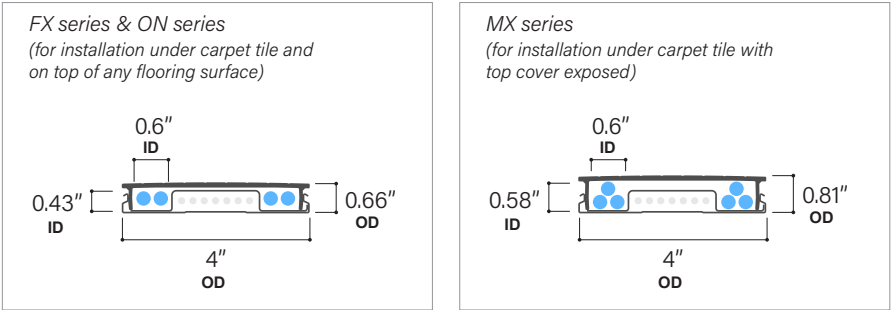| Associated Part Number	Description
G4000CT1	Single Channel, 4000 Raceway-to-Connectrac Transition Fitting. Surface-mounted. GRAY
V4000CT1	Single Channel, 4000 Raceway-to-Connectrac Transition Fitting. Surface-mounted. IVORY
G4000CT2	Two Channel, 4000 Raceway-to-Connectrac Transition Fitting. Surface-mounted. GRAY
V4000CT2	Two Channel, 4000 Raceway-to-Connectrac Transition Fitting. Surface-mounted. IVORY
G4000CT3	Three Channel, 4000 Raceway-to-Connectrac Transition Fitting. Surface-mounted. GRAY
V4000CT3	Three Channel, 4000 Raceway-to-Connectrac Transition Fitting. Surface-mounted. IVORY

CONNECTRAC.
A brand of ⌐legrand

POWERTRAC

L

4"
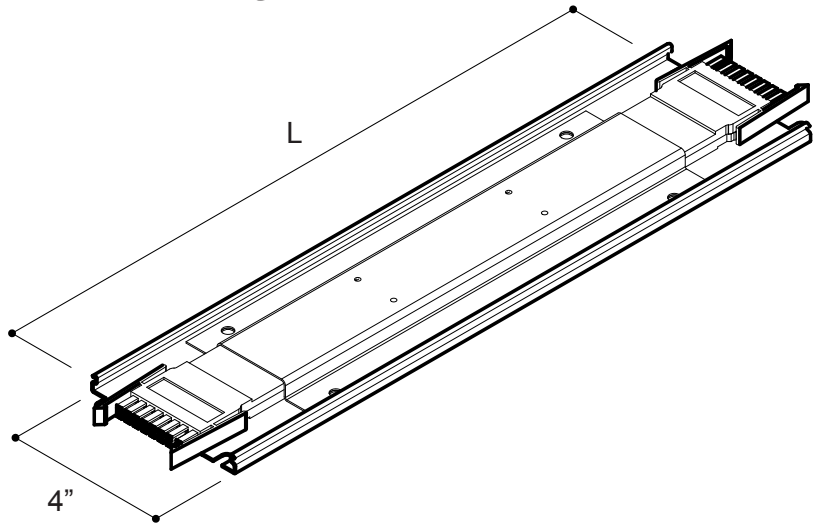
Specifications

Material
PC Plastic
Galvanized Steel

Country of Origin
Taiwan

Compliance
Listed to UL 111 standards in the US, and CSA 22.2 No. 62 standards in Canada

Measurements with Top Covers installed and typical data capacity shown:

FX series & ON series
(for installation under carpet tile and on top of any flooring surface)

0.6"
ID

0.43"
ID

0.66"
OD

4"
OD

MX series
(for installation under carpet tile with top cover exposed)

0.6"
ID

0.58"
ID

0.81"
OD

4"
OD

Description

Powertracs are pre-wired raceway segments available in five nominal lengths (2′, 3′, 4′, 5′, 6′) that are paired with Top Covers (pg. 17-19) and Transition Ramps (pg. 20 and 23) to make a complete system. Each Powertrac has modular connectors on each end that easily snap into an Entrance Fitting, Powertrac Extender, Powertrac Corner, Power Hub, or Power End Hub to build your Flex raceway.

Ordering Information   *Simply order the Powertracs you need for your raceway*

Associated Part Number	Description
CT.B.PT.4c.1-02	2′ RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.
CT.B.PT.4c.1-03	3′ RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.
CT.B.PT.4c.1-04	4′ RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.
CT.B.PT.4c.1-05s	5′ RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.
CT.B.PT.4c.1-06s	6′ RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.

CONNECTRAC.
A brand of legrand

POWER HUB

8"

0.43"

4"
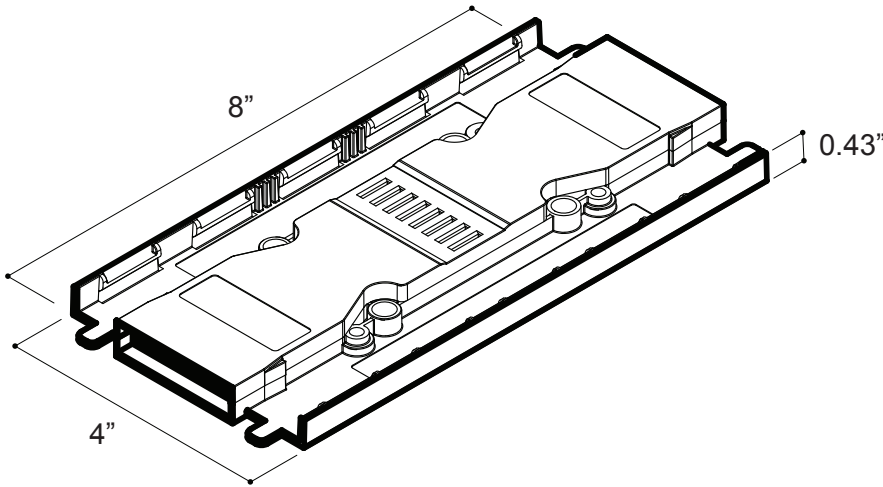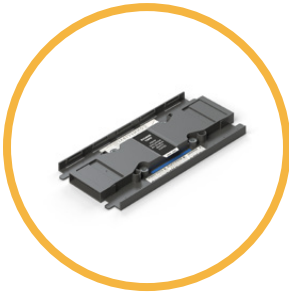
Specifications

Material
PC Plastic

Country of Origin
Taiwan

Compliance
Listed to UL 111 standards in the US, and CSA 22.2 No. 62 standards in Canada
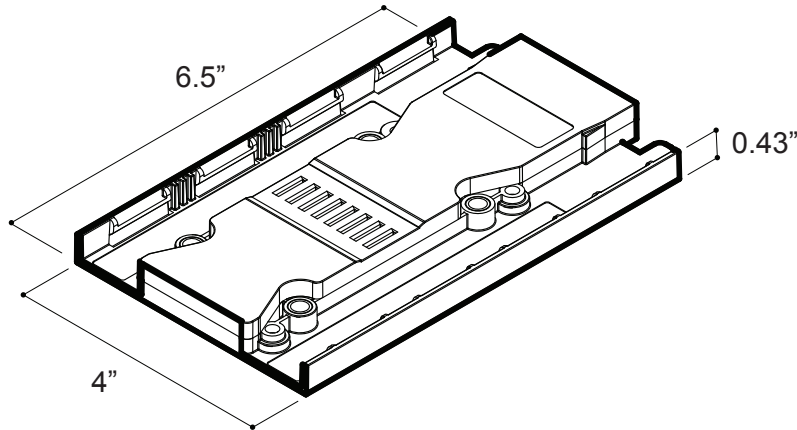
Description

A Power Hub provides access to power devices, such as a Receptacle Device. It also has modular connectors on each end that easily snap into a Powertrac or Powertrac Extender to build your Flex raceway.

Ordering Information   *Simply order the Power Hubs you need for your raceway*

Associated Part Number	Description
CT.B.PH.4c.1	RACEWAY POWER HUB. Device connection point & Powertrac coupler. 4-circuit.

CONNECTRAC®
A brand of legrand

POWER END HUB

6.5"

0.43"

4"

Specifications

Material
PC Plastic

Country of Origin
Taiwan

Compliance
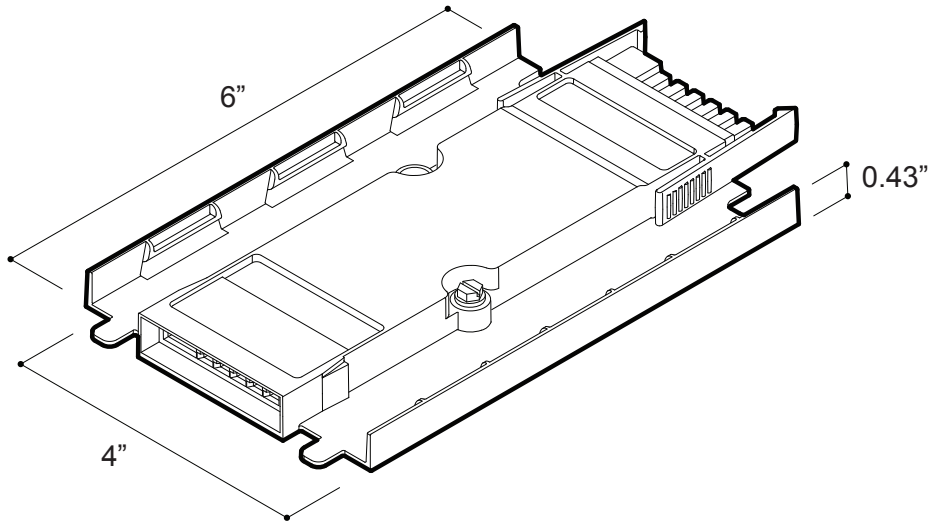Listed to UL 111 standards in the US, and CSA 22.2 No. 62 standards in Canada

Description

A Power End Hub MUST be used to end every Flex raceway. It provides access to power devices, such as a Receptacle Device, and has a modular connector on one end that easily snaps into a Powertrac or Powertrac Extender.

Ordering Information   *Simply order the End Hubs you need for your raceway*

Associated Part Number	Description
CT.B.PHE.4c.1	RACEWAY POWER END HUB. Required to finish any powered run. 4-circuit.

POWERTRAC EXTENDER

6"

0.43"

4"

Specifications

Material
PC Plastic

Color
Dark Gray

Country of Origin
Taiwan

Compliance
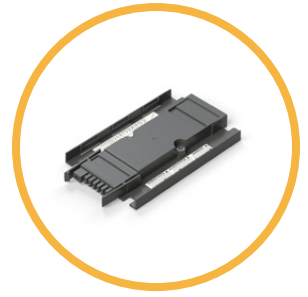Listed to UL 111 standards in the US, and CSA 22.2 No. 62 standards in Canada
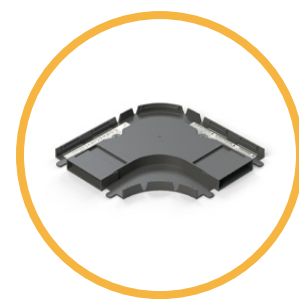
Description

A Powertrac Extender adds 6" to any standard Powertrac length. On one end it has modular connectors that easily snap into a Powertrac or Powertrac Extender, and the other end has modular connectors that connect to an Entrance Fitting, Hub, or End Hub.

Ordering Information | *Simply order the Powertrac Extenders you need for your raceway*

Associated Part Number	Description
CT.B.PT.4c-EXT.1-0.5	0.5' RACEWAY POWERTRAC EXTENDER. 6" Powertrac raceway extension. 4-circuit.

CONNECTRAC.
A brand of ⌐legrand

POWERTRAC CORNER

Specifications

Material
PC Plastic

Color
Dark Gray

Country of Origin
Taiwan & China

Compliance
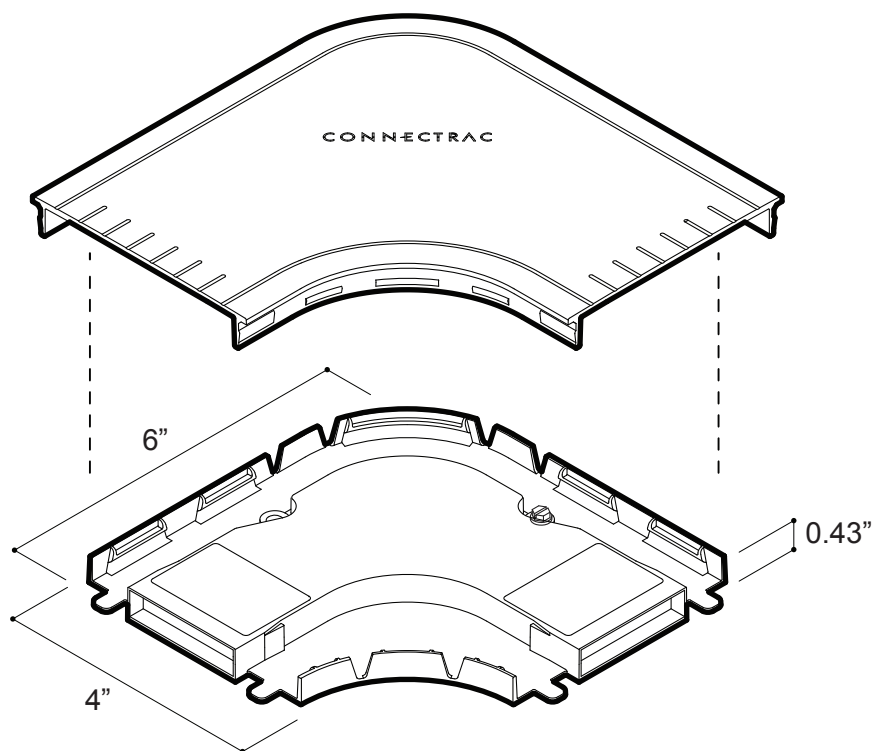Listed to UL 111 standards in the US, and CSA 22.2 No. 62 standards in Canada

6"

0.43"

4"

Description

A Powertrac Corner connects Powertracs at a 90° angle. It also has modular connectors on each end that easily snap into a Powertrac or Powertrac Extender to build your Flex raceway.

Ordering Information | *Simply order the Powertrac Corners you need for your raceway*

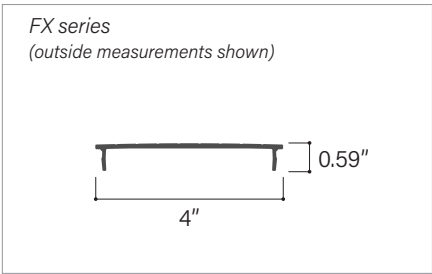| Associated Part Number	Description
CT.B.PT.4c-C90.1-FX	RACEWAY POWERTRAC CORNER: FLEX/ FLEX-ON. 90 degree corner top cover & bottom. 4-circuit.
CT.B.PT.4c-C90.1-OM-DG	RACEWAY POWERTRAC CORNER: FLEX-MAX. 90 degree corner top cover & bottom. 4-ckt. DARK GRAY.

TOP COVER (FX)
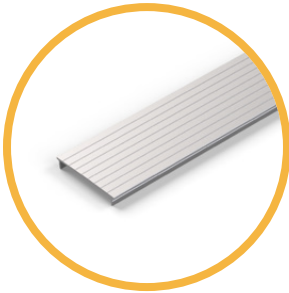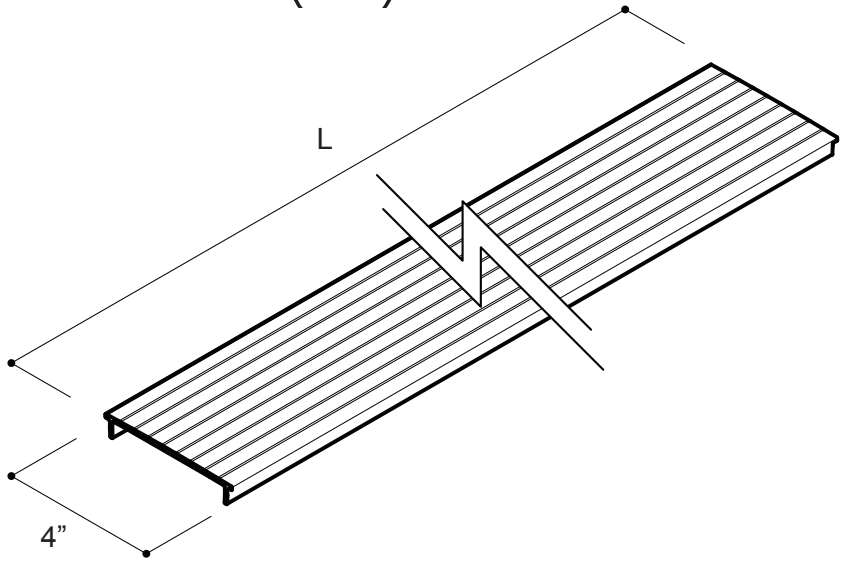
L

4"

Specifications

Material
Aluminum

Color
Silver

Country of Origin
United States

FX series
(outside measurements shown)

0.59"

4"

Description

Top Covers are needed for every Flex raceway order. They conceal and protect Powertracs, Powertrac Extenders, and Datatracs. Top Covers for the Flex under-carpet system are hidden under the carpet tile.

Ordering Information

Simply order the Top Covers you need for your raceway

Associated Part Number	Description
CT.01-TC-FX.1-03	3' TOP COVER: FLEX/EXPRESS.

TOP COVER (ON)

L

4"

CONNECTRAC.
A brand of legrand

Specifications

Material
Aluminum

Color Options
Dark Gray
Silver

Country of Origin
United States

ON series
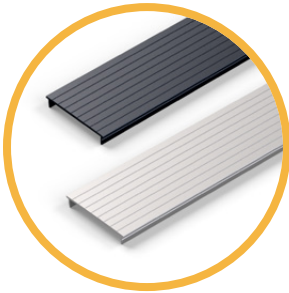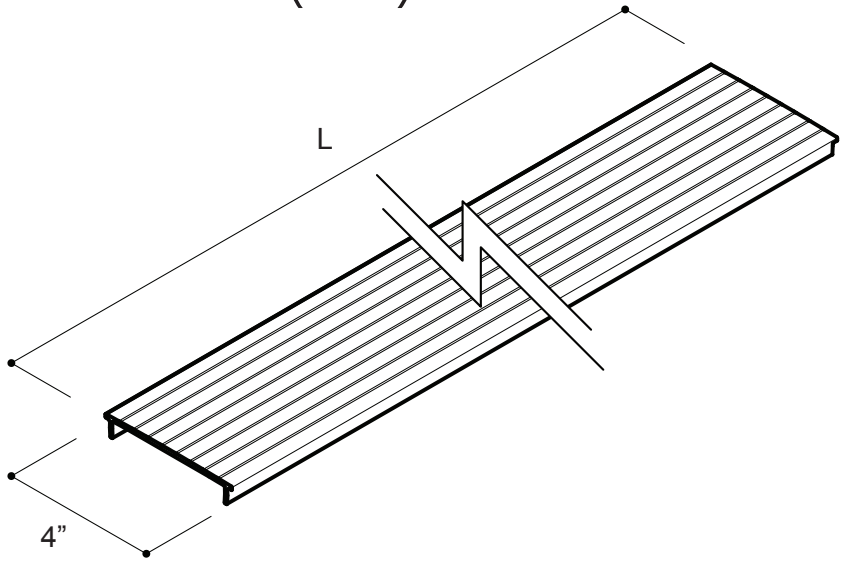*(outside measurements shown)*

0.59"

4"
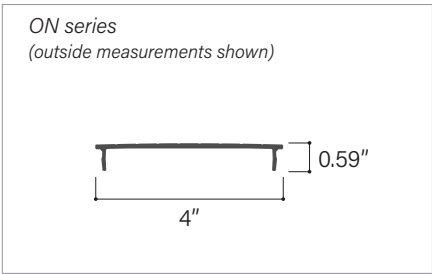
Description

Top Covers are needed for every Flex raceway order. They conceal and protect Powertracs, Powertrac Extenders, and Datatracs. Top covers for the Flex ON-Floor system are visible on top of the flooring surface and are available in a standard Dark Gray finish or Silver finish.

Ordering Information

Simply order the Top Covers you need for your raceway

Associated Part Number	Description
CT.01-TC-ON.2-03-DG	3' TOP COVER: FLEX-ON.2. DARK GRAY.
CT.01-TC-ON.2-03-SV	3' TOP COVER: FLEX-ON.2. SILVER.
CT.01-TC-ON.2-06-DG	6' TOP COVER: FLEX-ON.2. DARK GRAY.
CT.01-TC-ON.2-06-SV	6' TOP COVER: FLEX-ON.2. SILVER.

TOP COVER (MX)

*MX series
(outside measurements shown)*

0.74"

4"

Specifications

Material
Aluminum

Color Options
Dark Gray
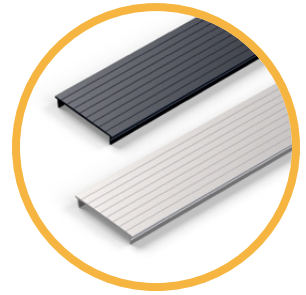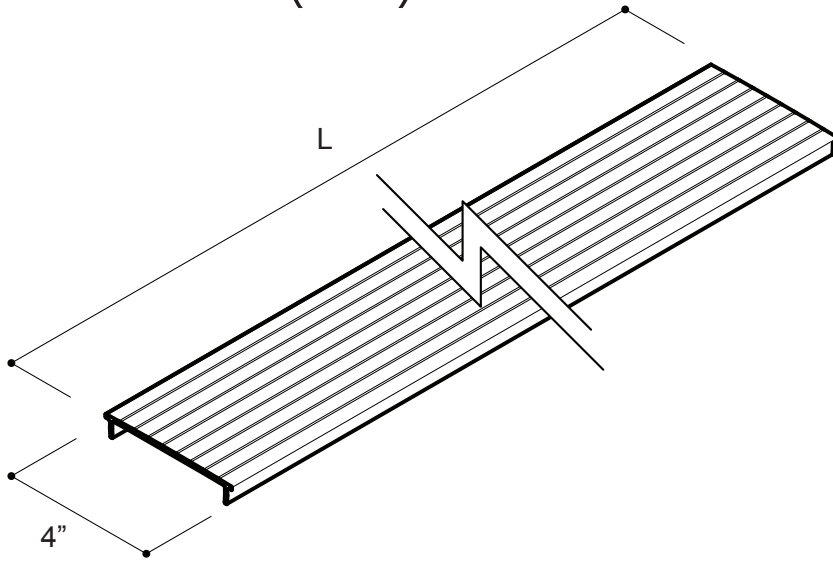Silver

Country of Origin
United States

Description

Top Covers are needed for every Flex raceway order. They conceal and protect Powertracs, Powertrac Extenders, and Datatracs. Top Covers for the MX system are visible on top of the flooring surface and are available in a standard Dark Gray finish or Silver finish.

Ordering Information | *Simply order the Top Covers you need for your raceway*

Associated Part Number	Description
CT.01-TC-OM.1-03-DG	3' TOP COVER: FLEX-MAX. DARK GRAY.
CT.01-TC-OM.1-03-SV	3' TOP COVER: FLEX-MAX. SILVER.
CT.01-TC-OM.1-06-DG	6' TOP COVER: FLEX-MAX. DARK GRAY.
CT.01-TC-OM.1-06-SV	6' TOP COVER: FLEX-MAX. SILVER.

TRANSITION RAMPS (FX, MX)

0.6"

7.5"
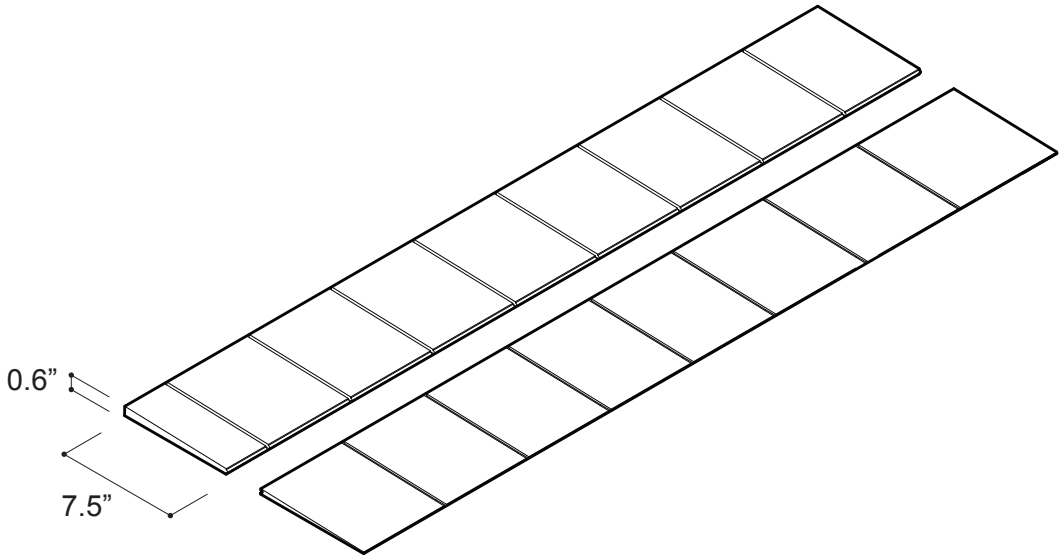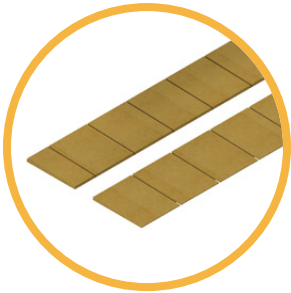
Specifications

Material
MDF

Country of Origin
United States

Description

Transition Ramps sit adjacent to a Powertrac or Datatrac, and provide an ADA compliant transition from the raceway to the surrounding flooring.

Ordering Information | *Simply order the Side Ramp Set you need for your raceway*

Associated Part Number	Description
CT.02-FM-SRS.1-03	3' SIDE RAMP SET: FLEX/FLEX-MAX. (2) 3' sets. [6 linear feet/3' per side].
CT.02-FM-SRS.1-06	6' SIDE RAMP SET: FLEX/FLEX-MAX. (2) 6' sets. [12 linear feet/6' per side].

CORNER RAMPS (FX, MX)
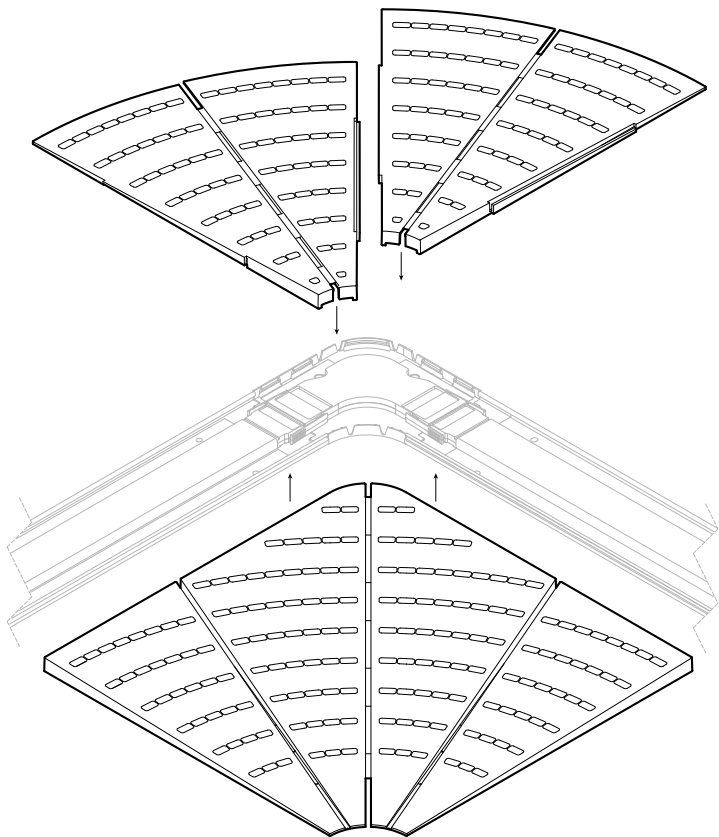
Specifications

Material
PC Plastic

Color
Dark Gray

Country of Origin
China

Description

Corner Ramps sit adjacent to Power and Data Corners, and help to transition the flooring material from the raceway to the surrounding flooring.

Ordering Information | *Simply order the Corner Ramps you need for your raceway*

Associated Part Number	Description
CT.02-FM-C90.1	CORNER RAMPS: FLEX/FLEX-MAX/EXPRESS 90 degree corner ramps.

END RAMP (FX, MX)

4"

15"
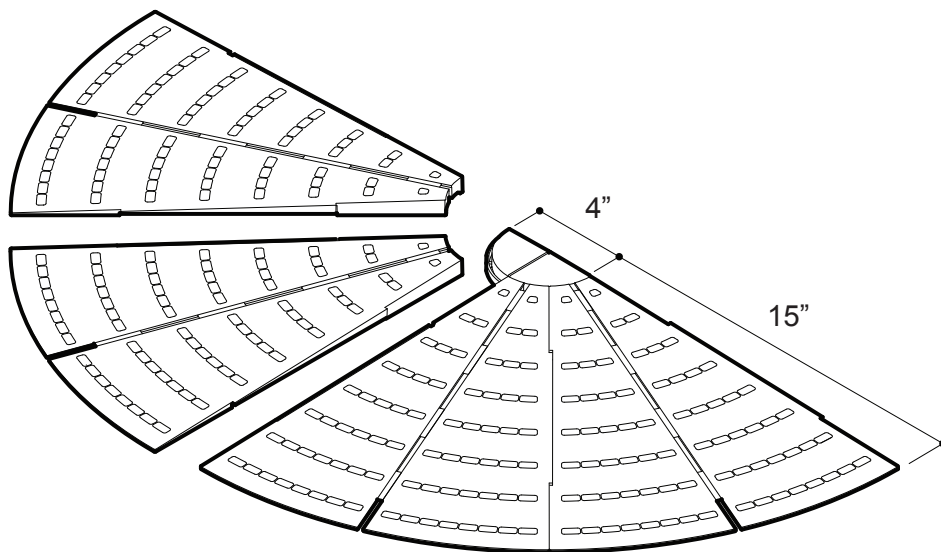
Specifications

Material
PC Plastic

Color
Dark Gray

Country of Origin
China

End Ramp Filler
(expands ramp for multi channel)
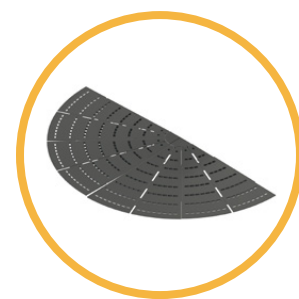

17"

4"
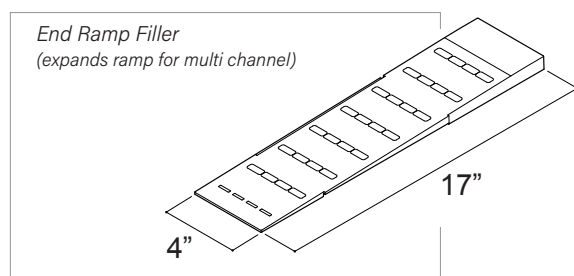
Description

End Ramps sit at the end of a Powertrac or Datatrac, and help to transition the flooring material from the raceway to the surrounding flooring.

Ordering Information   *Simply order the End Ramps you need for your raceway*

Associated Part Number	Description
CT.02-FM-ER.1	END RAMP: FLEX/FLEX-MAX end-of-raceway transition ramps.
CT.02-FM-ERF.1	END RAMP FILLER: FLEX/FLEX-MAX raceway filler piece for ganging raceways.
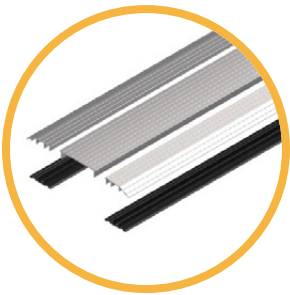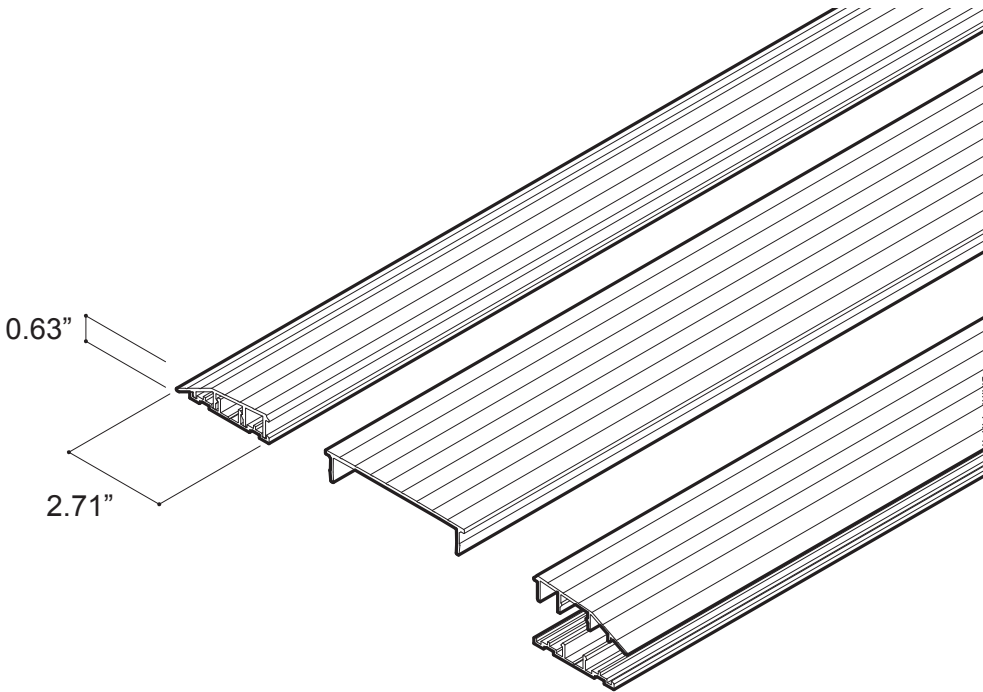
CONNECTRAC.
A brand of legrand

TRANSITION RAMPS (ON)

0.63”

2.71”

Specifications

Material
Aluminum

Color Options
Dark Gray
Silver

Country of Origin
United States

Description

On Floor Transition Ramps sit adjacent to the Powertrac and Datatrac, and provide an ADA compliant transition over the Connectrac Flex Raceway. Paired with On Floor Top Covers.

Ordering Information

Simply order the Transition Ramps you need for your raceway

Associated Part Number	Description
CT.B.RCR-ON.2-03-DG	3' RACEWAY TOP COVER & (2) 3' SIDE RAMPS: FLEX-ON.2. DARK GRAY.
CT.B.RCR-ON.2-03-SV	3' RACEWAY TOP COVER & (2) 3' SIDE RAMPS: FLEX-ON.2. SILVER.
CT.B.RCR-ON.2-06-DG	6' RACEWAY TOP COVER & (2) 6' SIDE RAMPS: FLEX-ON.2. DARK GRAY.
CT.B.RCR-ON.2-06-SV	6' RACEWAY TOP COVER & (2) 6' SIDE RAMPS: FLEX-ON.2. SILVER.

CORNER RAMPS (ON)
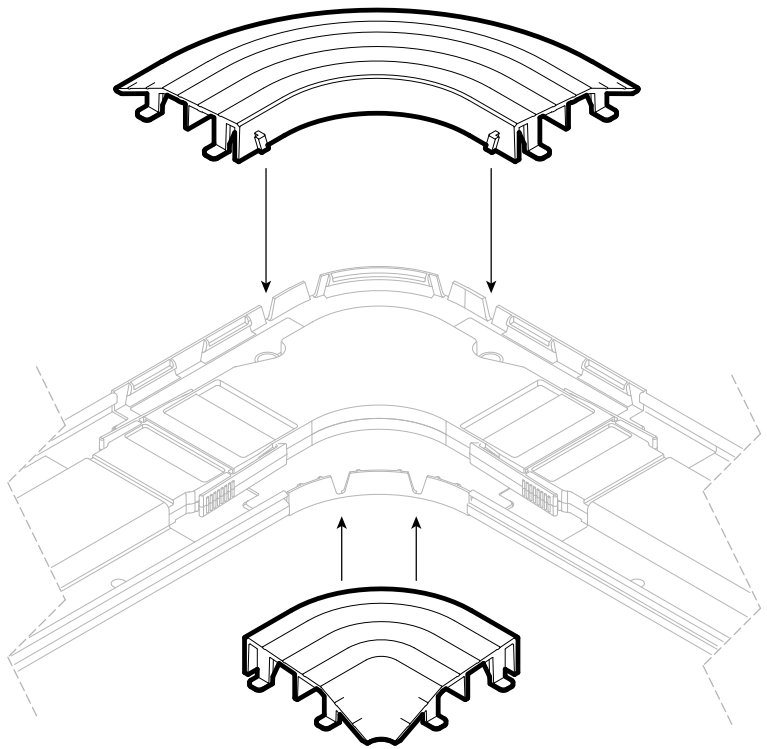
Specifications

Material
PC Plastic

Color
Dark Gray

Country of Origin
United States

Description

On Corner Ramps sit adjacent to the Power and Data corner, and provide a transition over the Connectrac Flex Raceway.

Ordering Information   *Simply order the Corner Ramps you need for your raceway*

Associated Part Number	Description
CT.02-ON.2-C90-DG	CORNER RAMPS: FLEX-ON.2 90-degree corner ramps. DARK GRAY.

CONNECTRAC.
A brand of legrand
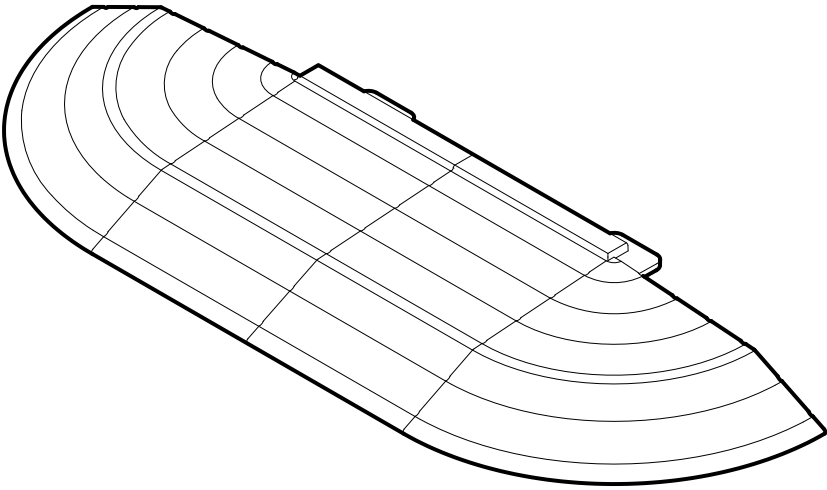
END RAMP (ON)

Specifications

Material
PC Plastic

Color
Dark Gray

Country of Origin
United States

End Ramp Filler
(expands ramp for multi channel)
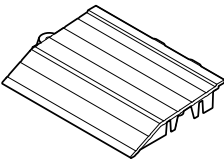
Description

End Ramps sit at the end of a Powertrac or Datatrac, and help to transition the flooring material from the raceway to the surrounding flooring.

Ordering Information | *Simply order the End Ramps you need for your raceway*

Associated Part Number	Description
CT.02-ON.2-ER-DG	END RAMP KIT: FLEX-ON.2 end-of-raceway transition ramp set. DARK GRAY.
CT.02-ON.2-ERF-DG	END RAMP FILLER KIT: FLEX-ON.2 raceway ller piece for ganging raceways. DARK GRAY.

CONNECTRAC.
A brand of legrand

DATA CHANNEL

L

4"
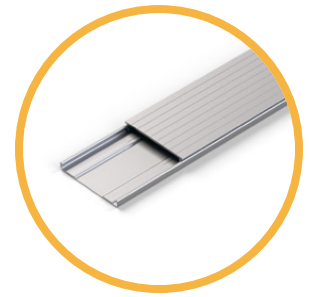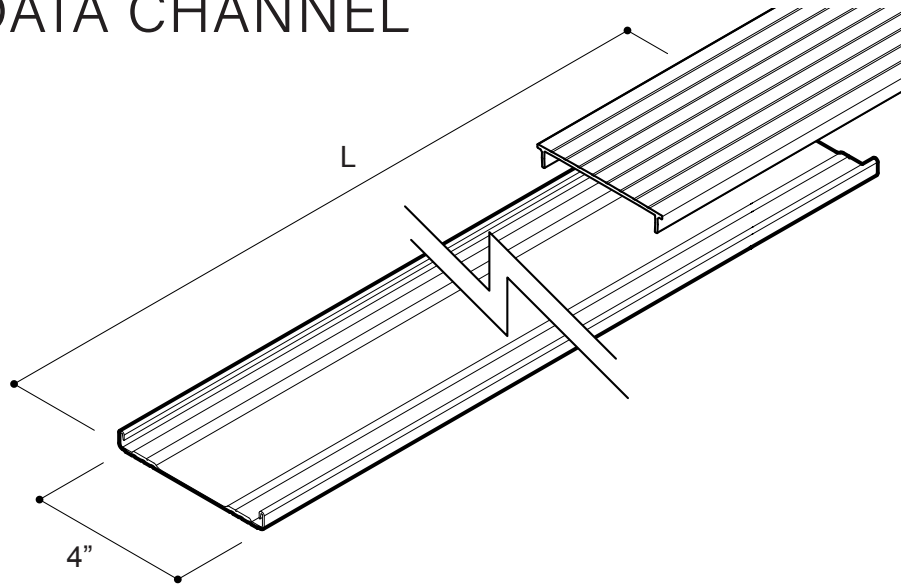
Specifications

Material
Aluminum

Color - Top Cover
(ON & MX series only)
Dark Gray
Silver

Country of Origin
United States

Measurements with typical data capacity shown:

FX & ON series
(for installation under carpet & on top of flooring)

3.53″
ID
0.43″
ID
0.66″
OD
4″
OD

MX series
(for installation under carpet tile with top cover exposed)

3.53″
ID
0.58″
ID
0.81″
OD
4″
OD

Description

Data channels can be ganged alongside the main Flex raceway to provide additional data capacity. Data channels include both a bottom Datatrac and a Top Cover. Each data channel typically holds up to 10 cables for our system installed under carpet tile and up to 18 cables for our systems installed on top of flooring.

Ordering Information | *Simply order the Data Channels you need for your raceway*
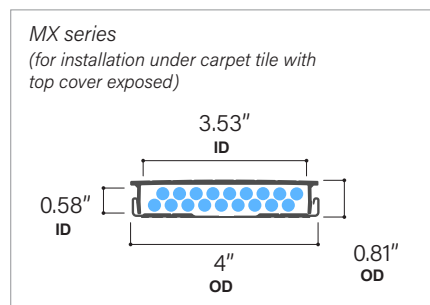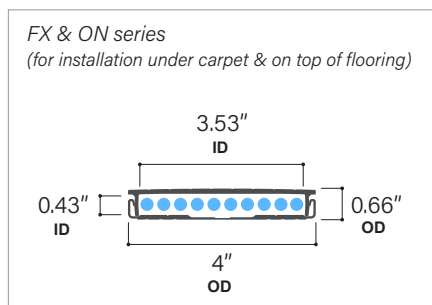
Associated Part Number	Description
CT.B.RCD.1-FX-03	3' DATATRAC & RACEWAY TOP COVER: FLEX.
CT.B.RCD.1-FX-06	6' DATATRAC & RACEWAY TOP COVER: FLEX.
CT.B.RCD-ON.2-03-DG	3' RACEWAY TOP COVER & DATATRAC: FLEX-ON.2. DARK GRAY.
CT.B.RCD-ON.2-03-SV	3' RACEWAY TOP COVER & DATATRAC: FLEX-ON.2. SILVER.
CT.B.RCD-ON.2-06-DG	6' RACEWAY TOP COVER & DATATRAC: FLEX-ON.2. DARK GRAY.
CT.B.RCD-ON.2-06-SV	6' RACEWAY TOP COVER & DATATRAC: FLEX-ON.2. SILVER.
CT.B.RCD.1-OM-03-DG	3' DATATRAC & RACEWAY TOP COVER: FLEX-MAX. DARK GRAY.
CT.B.RCD.1-OM-06-DG	6' DATATRAC & RACEWAY TOP COVER: FLEX-MAX. DARK GRAY.
CT.B.RCD.1-OM-03-SV	3' DATATRAC & RACEWAY TOP COVER: FLEX-MAX.SILVER.
CT.B.RCD.1-OM-06-SV	6' DATATRAC & RACEWAY TOP COVER: FLEX-MAX. SILVER.

DATATRAC CORNER

6"

4"

0.43"
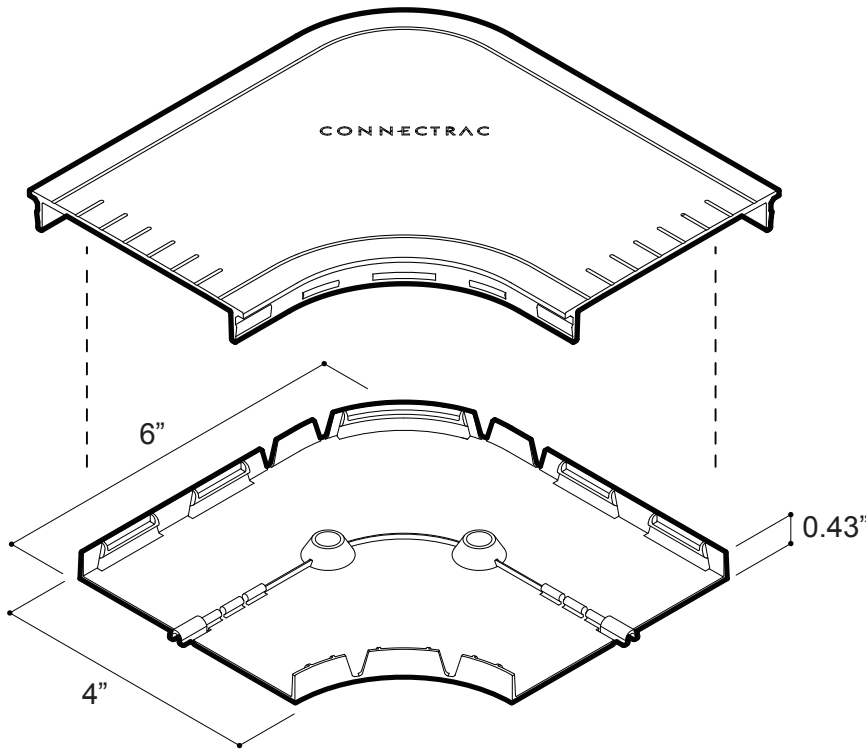
Specifications

Material
PC Plastic

Color
Dark Gray

Country of Origin
China

Description

A Datatrac Corner connects Datatracs at a 90° angle. This sits next to a Powertrac, either on the inside or outside.

Ordering Information | *Simply order the Datatrac Corners you need for your raceway*

Associated Part Number	Description
CT.B.DT.1-C90-FX	RACEWAY DATATRAC CORNER: FLEX/EXPRESS/FLEX-ON 90 degree corner top cover & bottom.
CT.B.DT.1-C90-OM-DG	RACEWAY DATATRAC CORNER: FLEX-MAX 90 degree corner kit. DARK GRAY.

HUBCAP

5"

0.08"

4"
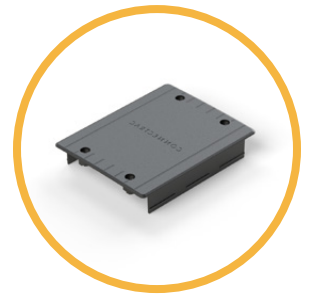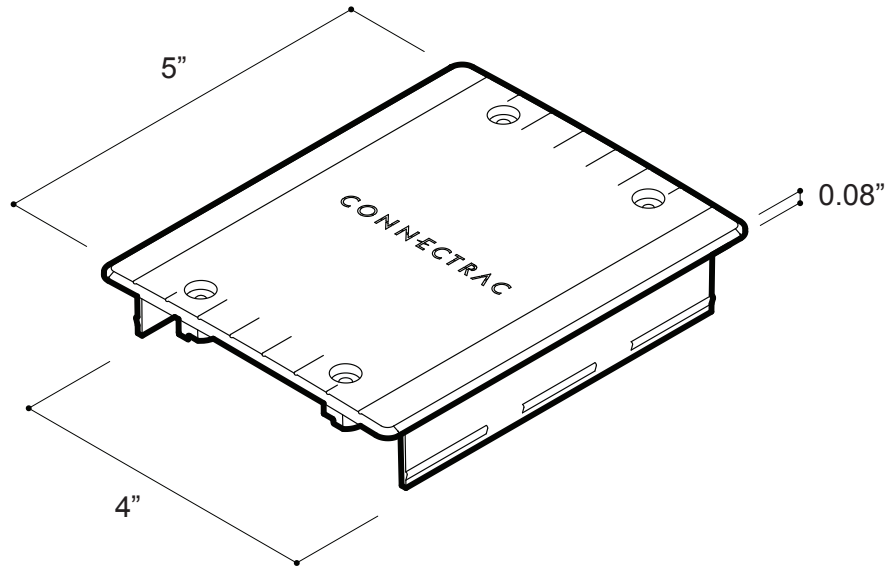
Specifications

Material
Powder Coated Cast Aluminum

Color
Dark Gray

Country of Origin
China

Compliance
Listed to UL 111 standards in the US, and CSA 22.2 No. 62 standards in Canada

Description

Power devices quickly snap into any Power Hub or Power End Hub. They are all interchangeable and can be hot-swapped when desired. A Hubcap is a power device that creates a walkable surface and makes power easily accessible for future needs.

Ordering Information | *Simply order the Hubcaps you need for your raceway*

Associated Part Number	Description
CT.C.DHC.1-FX-DG	DEVICE HUBCAP: FLEX. Covers raceway in lieu of device. DARK GRAY.
CT.C.DHC-ON.2-DG	DEVICE HUBCAP: FLEX-ON.2. Covers raceway in lieu of device. DARK GRAY.
CT.C.DHC.1-OM-DG	DEVICE HUBCAP: FLEX-MAX. Covers raceway in lieu of device. DARK GRAY.

RECEPTACLE DEVICE

5"

1.2"

4"

Specifications

Material
PC Plastic

Color
Dark Gray

Country of Origin
Taiwan

Compliance
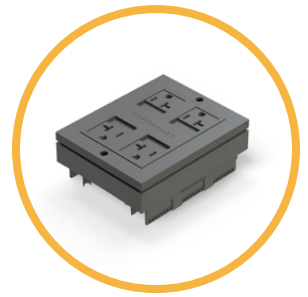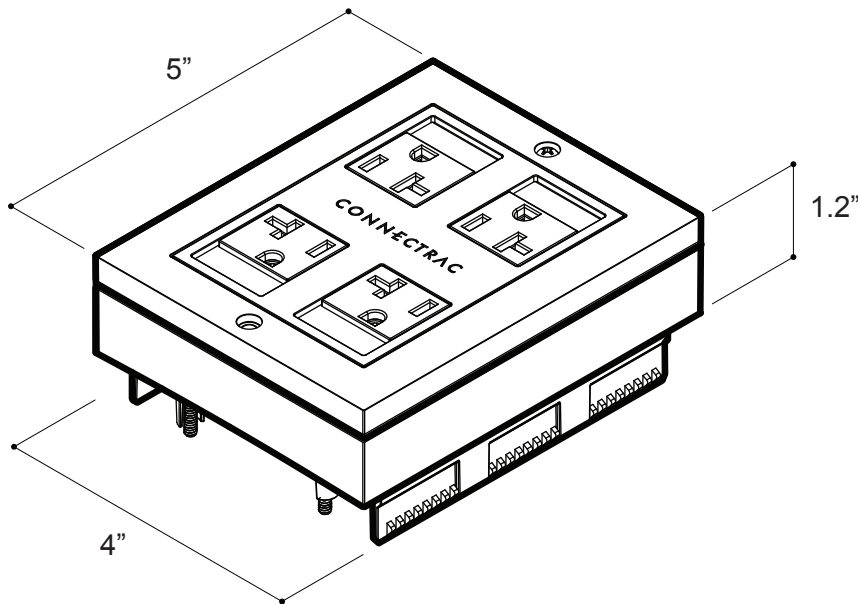Listed to UL 111 and 498 standards in the US, and CSA 22.2 No. 62 standards in Canada
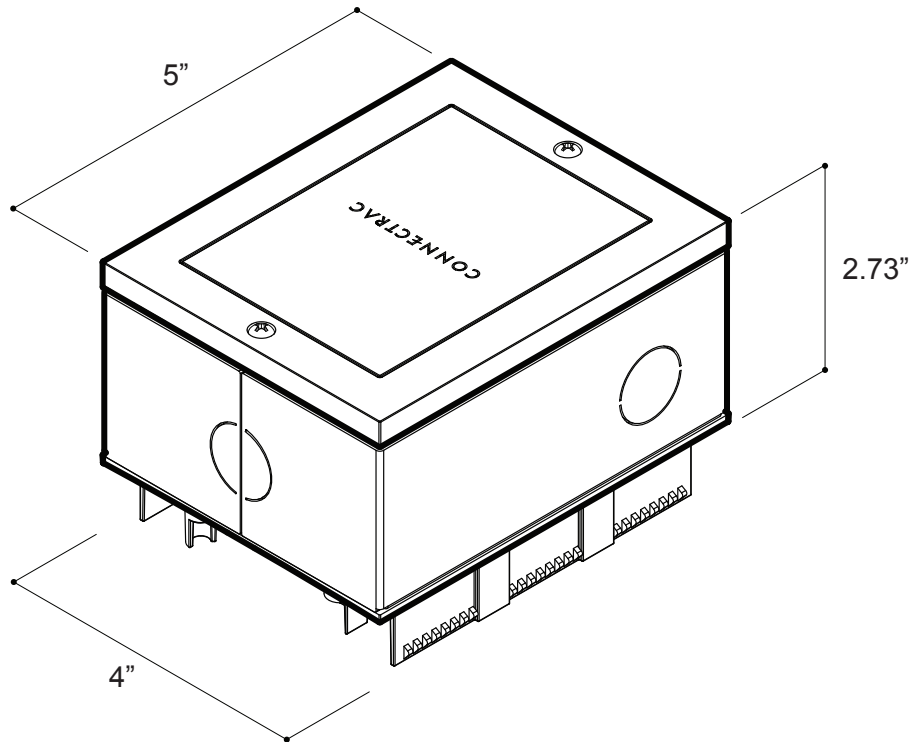
Description

Power devices quickly snap into any Power Hub or Power End Hub. They are all interchangeable and can be hot-swapped when desired. A Receptacle Device is a NEMA 5-20R quad power device available in a single/split circuit with 4 circuit options.

Ordering Information | *Simply order the Power Devices you need for your raceway*

Associated Part Number	Description
CT.C.PW1.1-Q11-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. All circuit 1. DARK GRAY.
CT.C.PW1.1-Q12-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) circuit 2. DARK GRAY.
CT.C.PW1.1-Q14-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) circuit 4. DARK GRAY.
CT.C.PW1.1-Q22-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. All circuit 2. DARK GRAY.
CT.C.PW1.1-Q33-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. All circuit 3. DARK GRAY.
CT.C.PW1.1-Q34-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. (2) circuit 3, (2) circuit 4. DARK GRAY.
CT.C.PW1.1-Q44-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. All circuit 4. DARK GRAY.
CT.C.PW1cc.1-Q12-DG	POWER DEVICE 1: TITLE 24 RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) control ckt 2. DARK GRAY.
CT.C.PW1cc.1-Q14-DG	POWER DEVICE 1: TITLE 24 RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) control ckt 4. DARK GRAY.
CT.C.PW1cc.1-Q34-DG	POWER DEVICE 1: TITLE 24 RECEPTACLE. 20A quad outlet. (2) circuit 3, (2) control ckt 4. DARK GRAY.

HARDWIRE DEVICE

5"

2.73"

4"

Specifications

Material
PC Plastic
Powder Coated Steel

Color
Dark Gray

Country of Origin
Taiwan

Description

Power devices quickly snap into any Power Hub or Power End Hub. They are all interchangeable and can be hot-swapped when desired. A Hardwire Device is a 4-circuit monument that can be wired to connect to most furniture base feeds or other similar applications. This power device is NOT intended to have electrical components such as power outlets/faceplates/switches, mounted directly to it.

Ordering Information | *Simply order the Hardwire Devices you need for your raceway*

Associated Part Number	Description
CT.C.PW2.4c.1-DG	POWER DEVICE 2. HARDWIRE MONUMENT. Connects to furniture base feed. 4-circuit. DARK GRAY.

CONNECTRAC.
A brand of ⌐legrand

GROMMET

5"

4"

0.15"
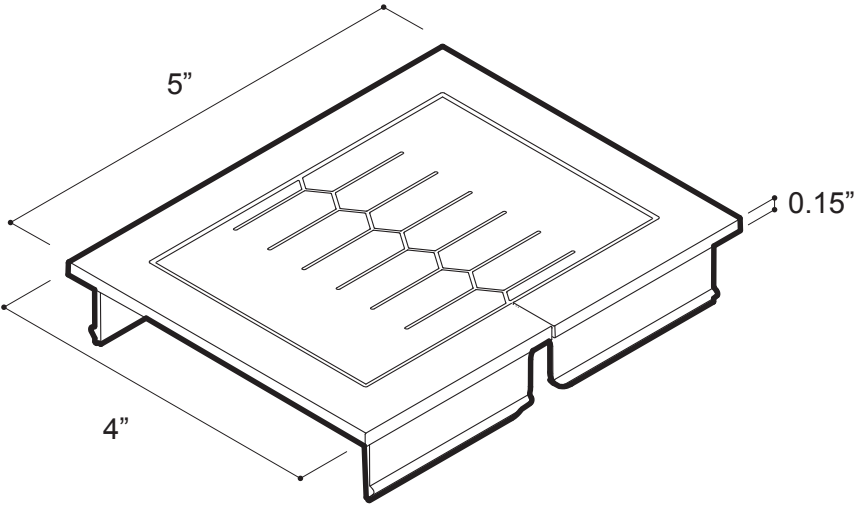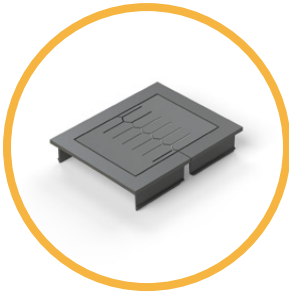
Specifications

Material
PC Plastic
TPE Plastic

Color
Dark Gray

Country of Origin
China

Description

Data devices easily snap into a Powertrac or Datatrac. They can be installed anywhere on the raceway but look best when positioned next to power devices. The Grommet allows cables to enter/exit the raceway.

Ordering Information | *Simply order the Grommets you need for your raceway*

Associated Part Number	Description
CT.C.DT1F.1-DG	DATA DEVICE 1. GROMMET: POWERTRAC & DATATRAC. Floor raceway cable pass-thru. DARK GRAY.

DATA DEVICE

5”

1.2”

4”

Keystone modules

Specifications

Material
PC Plastic

Color
Dark Gray

Country of Origin
China
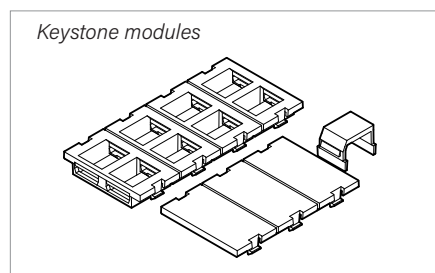
Description

Data devices easily snap into a Powertrac or Datatrac. They can be installed anywhere on the raceway but look best when positioned next to power devices. The Flex system's main Data Device is customizable and fits up to 8 low-voltage keystone modules.

Ordering Information | *Simply order the Data Devices you need for your raceway*

Associated Part Number	Description
CT.C.DT2.1-DG	DATA DEVICE 2. DATA DEVICE. Fits up to (8) keystone modules. DARK GRAY.

A/V DEVICE

5.38"

2.88"

5.38"
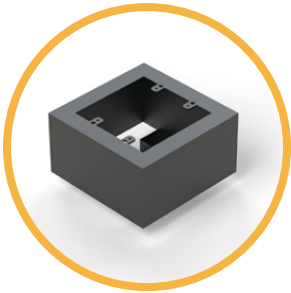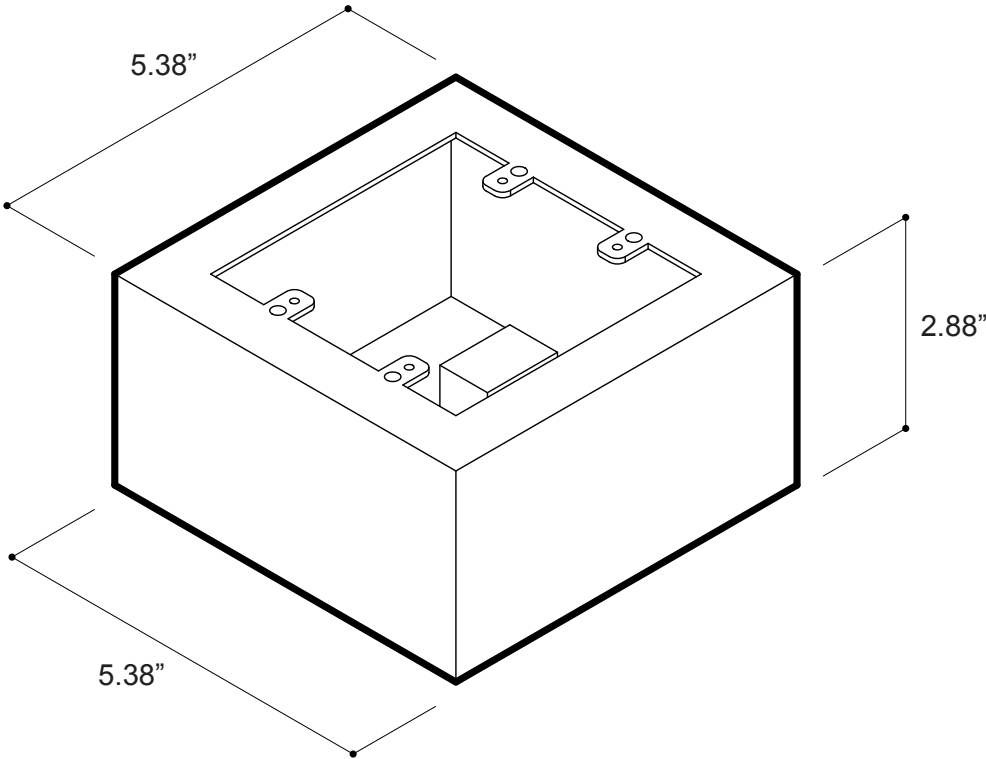
Specifications

Material
Powder Coated Steel

Color
Dark Gray

Country of Origin
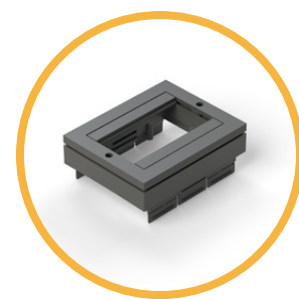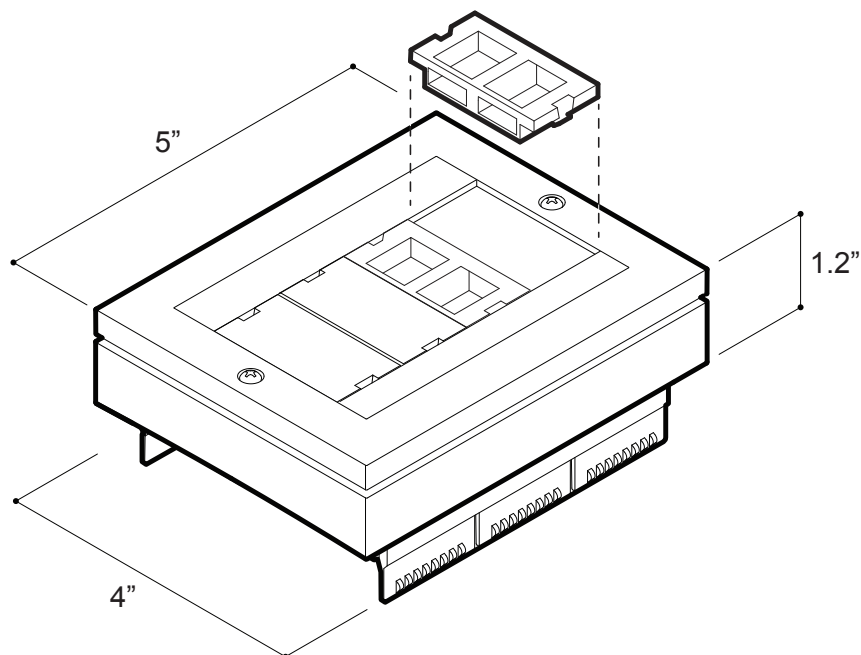United States

Description

Data devices easily snap into a Powertrac or Datatrac. They can be installed anywhere on the raceway but look best when positioned next to power devices. An A/V Device is a customizable data device that holds any standard double-gang faceplate.

Ordering Information | *Simply order the A/V Devices you need for your raceway*

Associated Part Number	Description
CT.C.DT3.1-DG	DATA DEVICE 3. AV DEVICE. Holds any standard double-gang faceplate. DARK GRAY.

VERTICAL WIRE MANAGER
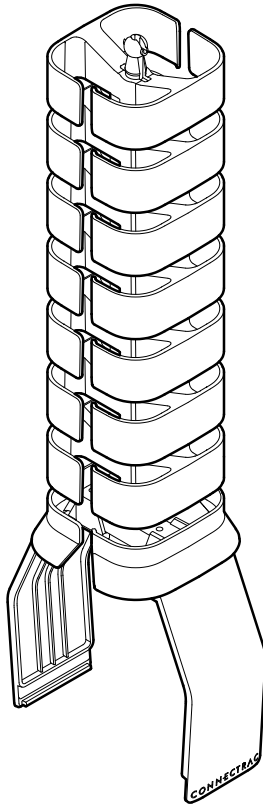
Specifications

Material
PC Plastic

Color
Dark Gray

Country of Origin
China

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.

Ordering Information | *Simply order the Vertical Wire Managers you need for your raceway*

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

ROUGH-IN FRAME
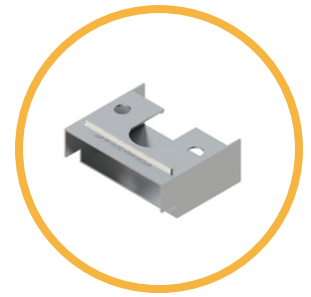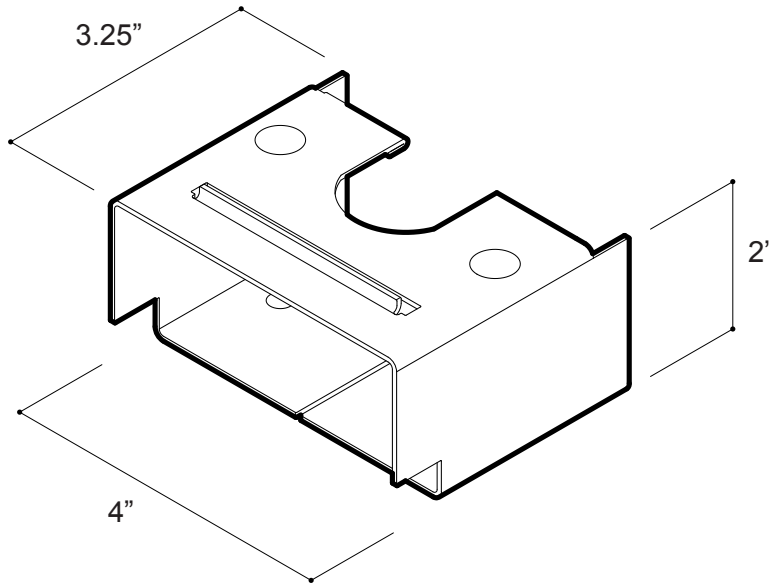
3.25"

2"

4"

Specifications

Material
Galvanized Steel

Color
Silver

Country of Origin
Taiwan

Description

The Rough in Frame is used in a building during new construction. It is put in place prior to the wall being put up, marking the placement of the Flex system.

Ordering Information | *Simply order the Rough-In Frames you need for your raceway*

Associated Part Number	Description
CT.AC-RIF.1	ROUGH-IN FRAME accessory. Optional wall entry opening scaffold for new construction installations.

WIRE MANAGEMENT CLIPS
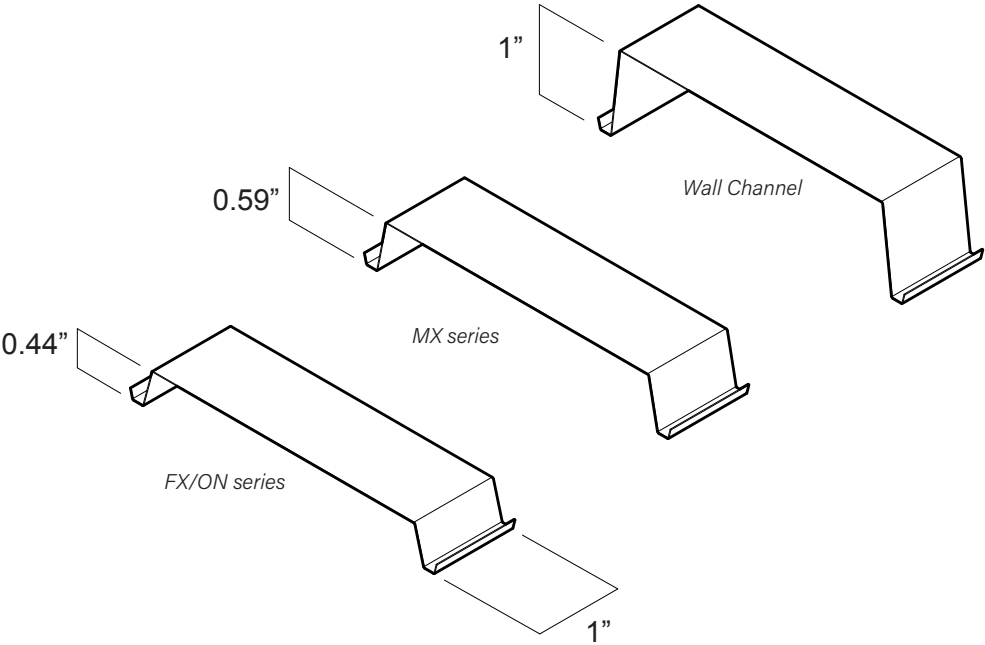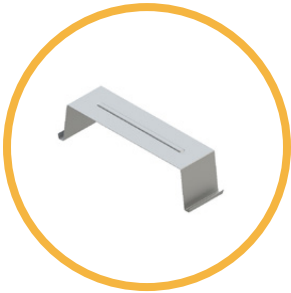
1"

0.59"

Wall Channel

0.44"

MX series

FX/ON series

1"

Specifications

Material
Galvanized Steel

Color
Silver

Country of Origin
Taiwan

Description

Data clips snap into the Powertrac and Datatrac, and are used to hold data cables in place.

Ordering Information | *Simply order the Wire Management Clips you need for your raceway*

Associated Part Number	Description
CT.01-CL-FX.1-10	CLIPS: FLEX/EXPRESS/FLEX-ON raceway wire management clips. Qty: 10.
CT.01-CL-OM.1-10	CLIPS: FLEX-MAX raceway wire management clips. Qty: 10.
CT.01-CL-WT.1-10	CLIPS: WALLTRAC raceway wire management clips. Qty: 10.

ELECTRICAL INFO

Wiring Diagram

The Flex raceway is a 4-circuit system. Please reference the wiring diagram below.

CIRCUIT ONE	CIRCUIT TWO	CIRCUIT THREE	CIRCUIT FOUR
I	II	III	IV

BARE — GROUND (12 gauge)
WHITE — NEUTRAL 1 (12 gauge)
BLACK — LINE 1 (12 gauge)
BLUE — LINE 3 (12 gauge)
BLK-WHT — NEUTRAL 2 (12 gauge)
PINK — LINE 4 (12 gauge)
RED — LINE 2 (12 gauge)
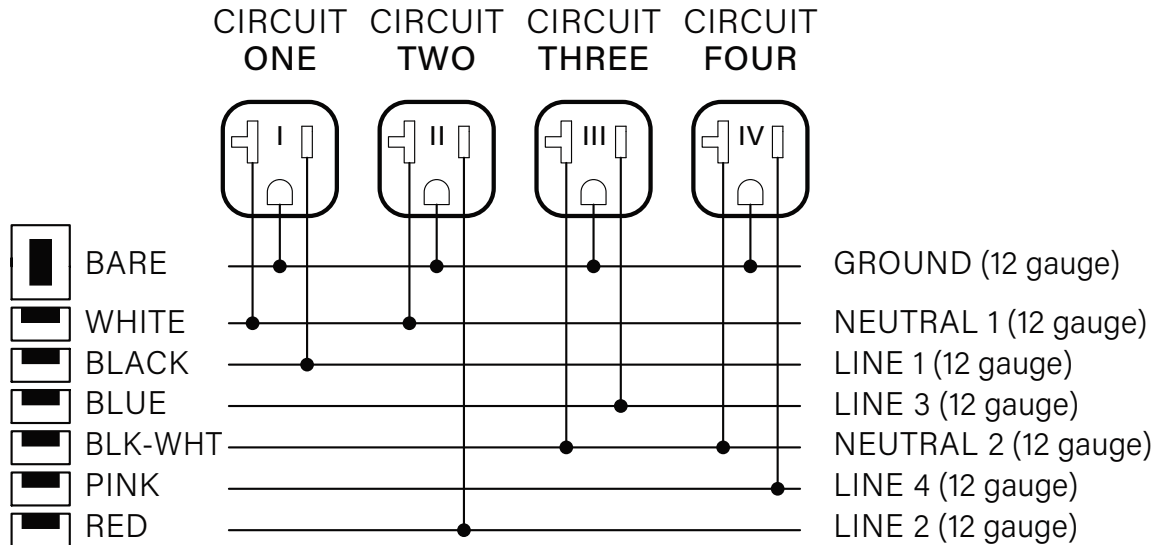
Compliance

Electrical Listing

US: These devices have been tested to UL 111 standards and are listed by UL.
Receptacle Device is further tested to UL 498. Devices are identified with the UL Listed Mark.

Canada: These devices have been tested to CAN/CSA 22.2 No. 62 Standards for Surface Raceway
Systems and are listed by UL. Devices are identified with the UL Listed Mark.

CONNECTRAC.
A brand of legrand

WIREWAY CAPACITY & DIMENSIONS

Powertrac

Powertracs are pre-wired raceway segments available in five nominal lengths (2', 3', 4', 5', 6') that are paired with Top Covers and Transition Ramps. Each Powertrac has modular connectors on each end that easily snap into an Entrance Fitting, Powertrac Extender, Powertrac Corner, Power Hub, or Power End Hub to build your Flex raceway.

FOR INSTALLATION UNDER CARPET & ON TOP OF FLOORING

FX series & ON series
(up to 4 cables)

0.6"

0.43"
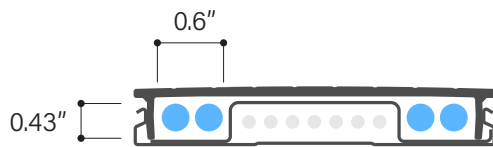
FOR INSTALLATION UNDER CARPET TILE WITH TOP COVER EXPOSED

MX series
(up to 6 cables)

0.6"

0.58"

Data Channel

Data channels can be ganged alongside the main Flex raceway to provide additional data capacity. Data channels include both a bottom Datatrac and a Top Cover. Each data channel typically holds up to 10 cables for our system installed under carpet tile and up to 18 cables for our system installed on top of flooring.
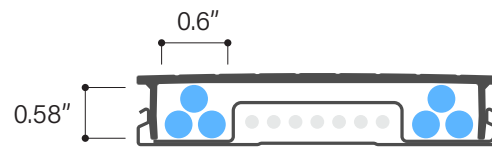
FOR INSTALLATION UNDER CARPET & ON TOP OF FLOORING

FX series & ON series
(up to 10 cables)

3.53"

0.43"

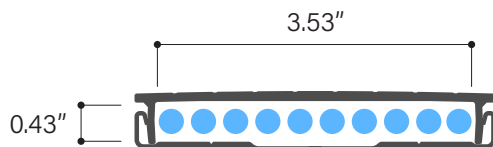FOR INSTALLATION UNDER CARPET TILE WITH TOP COVER EXPOSED

MX series
(up to 18 cables)
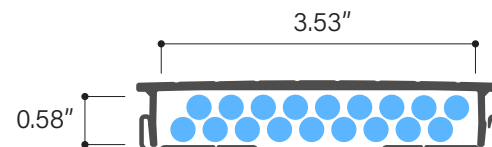
3.53"

0.58"

(Measurements with Top Covers installed and typical data capacity shown.)

CONNECTRAC.
A brand of legrand

FLEX® BEND RADIUS INFO

In a Powertrac, note (2) key dimensions

Data Device

Fully extended state
shown (max capacity)

2.2″

2.6″

A/V Device

Double gang faceplate
(not included)

3.1″

3.5″
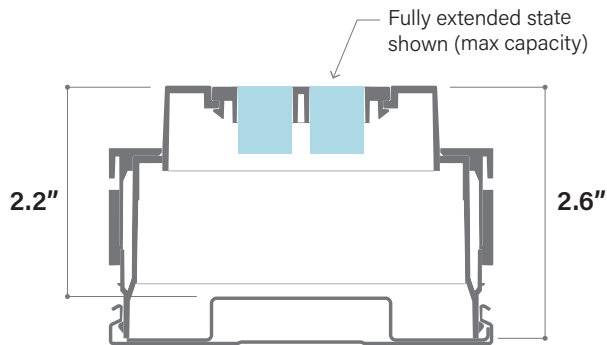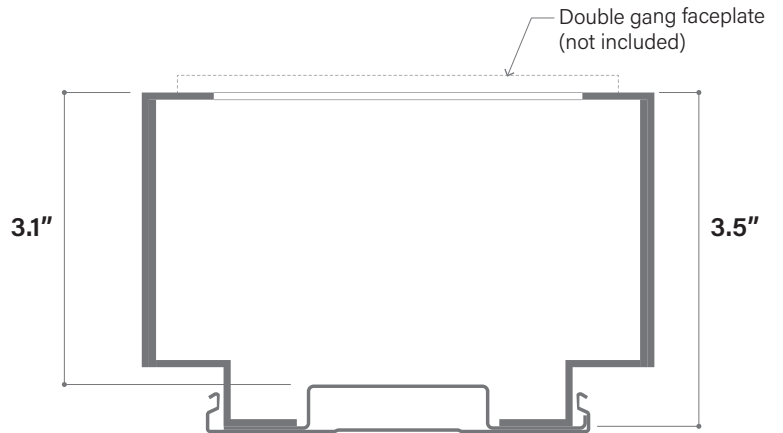
In a Datatrac or Express under carpet kit, note (1) key dimension

Data Device

Fully extended state
shown (max capacity)

2.6″

A/V Device

Double gang faceplate
(not included)

3.5″
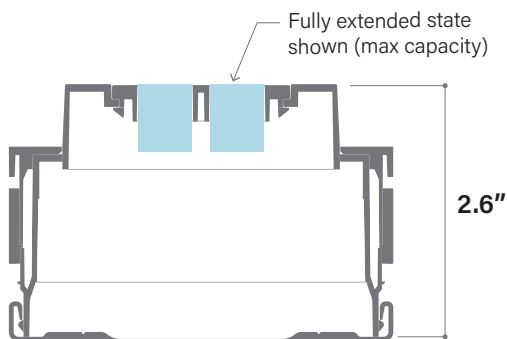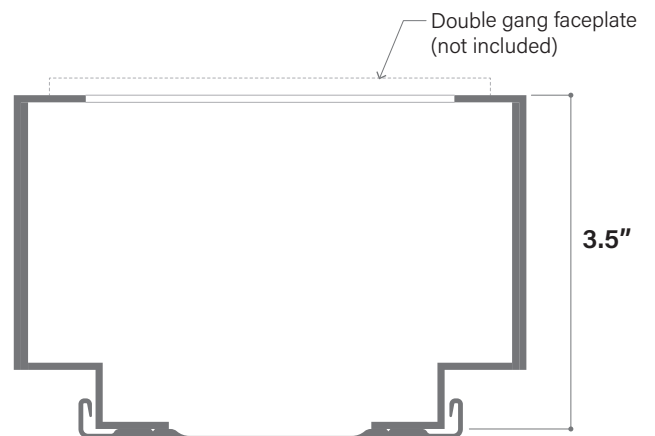
UL 111 - Listed Flex Components

WALL ENTRANCE FITTINGS

Part Number	Description
CT.A1.1-15.4c	ENTRANCE FITTING 1. IN-WALL w/ 15' pre-wired conduit. 4-circuit.
CT.A1.1-30.4c	ENTRANCE FITTING 1. IN-WALL w/ 30' pre-wired conduit. 4-circuit.
CT.A2.1-02-03.4c	ENTRANCE FITTING 2. SURFACE-MOUNTED w/ 2' Walltrac & 3' pre-wired conduit. 4-circuit.
CT.A2.1-12-15.4c	ENTRANCE FITTING 2. SURFACE-MOUNTED w/ 12' Walltrac & 15' pre-wired conduit. 4-circuit.
CT.A2.1-12-30.4c	ENTRANCE FITTING 2. SURFACE-MOUNTED w/ 12' Walltrac & 30' pre-wired conduit. 4-circuit.
CT.A2.2-003.4C	RACEWAY ENTRANCE FITTING w/ 3' pre-wired conduit. 4-circuit.

FLOOR ENTRANCE FITTINGS

CTPT4	4" Poke-Thru Transition for Connectrac Flex
CTFXP	Under-Carpet Poke-Thru Entrance Fitting for Powertracs
CTFXD	Under-Carpet Poke-Thru Entrance Fitting for Datatracs
CTONP-SV	On-Floor Poke-Thru Entrance Fitting for Powertracs, Silver
CTONP-DG	On-Floor Poke-Thru Entrance Fitting for Powertracs, Dark Gray
CTOND-SV	On-Floor Poke-Thru Entrance Fitting for Datatracs, Silver
CTOND-DG	On-Floor Poke-Thru Entrance Fitting for Datatracs, Dark Gray
CTMXP-SV	In-Carpet Poke-Thru Entrance Fitting for Powertracs, Silver
CTMXP-DG	In-Carpet Poke-Thru Entrance Fitting for Powertracs, Dark Gray
CTMXD-SV	In-Carpet Poke-Thru Entrance Fitting for Datatracs, Silver
CTMXD-DG	In-Carpet Poke-Thru Entrance Fitting for Datatracs, Dark Gray

POWERTRACS

CT.B.PT.4c.1-02	2' RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.
CT.B.PT.4c.1-03	3' RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.
CT.B.PT.4c.1-04	4' RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.
CT.B.PT.4c.1-05s	5' RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.
CT.B.PT.4c.1-06s	6' RACEWAY POWERTRAC pre-wired straight segment. 4-circuit.

HUBS

CT.BPH.4c1	RACEWAY POWER HUB. Device connection point & Powertrac coupler. 4-circuit.
CT.B.PHE.4c.1	RACEWAY POWER END HUB. Required to finish any powered run. 4-circuit.

EXTENDER

CT.B.PT.4c-EXT.1-0.5	0.5' RACEWAY POWERTRAC EXTENDER. 6" Powertrac raceway extension. 4-circuit.

CORNER

CT.B.PT.4c-C90.1-FX	RACEWAY POWERTRAC CORNER: FLEX. 90 degree corner top cover & bottom. 4-circuit.
CT.B.PT.4c-C90.1-OM-DG	RACEWAY POWERTRAC CORNER: FLEX-ON/FLEX-MAX. 90 degree corner top cover & bottom. 4-ckt. DARK GRAY.

HUBCAPS

CT.C.DHC.1-FX-DG	DEVICE HUBCAP: FLEX. Covers raceway in lieu of device. DARK GRAY.
CT.C.DHC-ON.2-DG	DEVICE HUBCAP: FLEX-ON.2. Covers raceway in lieu of device. DARK GRAY.
CT.C.DHC.1-OM-DG	DEVICE HUBCAP: FLEX-MAX. Covers raceway in lieu of device. DARK GRAY.

UL 111 - Listed Flex Components

RECEPTACLE DEVICES - (further listed to UL 498)

CT.C.PW1.1-Q11-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. All circuit 1. DARK GRAY.
CT.C.PW1.1-Q12-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) circuit 2. DARK GRAY.
CT.C.PW1.1-Q14-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) circuit 4. DARK GRAY.
CT.C.PW1.1-Q22-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. All circuit 2. DARK GRAY.
CT.C.PW1.1-Q33-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. All circuit 3. DARK GRAY.
CT.C.PW1.1-Q34-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. (2) circuit 3, (2) circuit 4. DARK GRAY.
CT.C.PW1.1-Q44-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. All circuit 4. DARK GRAY.
CT.C.PW1cc.1-Q12-DG	POWER DEVICE 1: TITLE 24 RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) control ckt 2. DARK GRAY.
CT.C.PW1cc.1-Q14-DG	POWER DEVICE 1: TITLE 24 RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) control ckt 4. DARK GRAY.
CT.C.PW1cc.1-Q34-DG	POWER DEVICE 1: TITLE 24 RECEPTACLE. 20A quad outlet. (2) circuit 3, (2) control ckt 4. DARK GRAY.

UL 498 - Listed Flex Components

RECEPTACLE DEVICES

Part Number	Description
CT.C.PW1.1-Q11-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. All circuit 1. DARK GRAY.
CT.C.PW1.1-Q12-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) circuit 2. DARK GRAY.
CT.C.PW1.1-Q14-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) circuit 4. DARK GRAY.
CT.C.PW1.1-Q22-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. All circuit 2. DARK GRAY.
CT.C.PW1.1-Q33-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. All circuit 3. DARK GRAY.
CT.C.PW1.1-Q34-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. (2) circuit 3, (2) circuit 4. DARK GRAY.
CT.C.PW1.1-Q44-DG	POWER DEVICE 1. RECEPTACLE. 20A quad outlet. All circuit 4. DARK GRAY.
CT.C.PW1cc.1-Q12-DG	POWER DEVICE 1: TITLE 24 RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) control ckt 2. DARK GRAY.
CT.C.PW1cc.1-Q14-DG	POWER DEVICE 1: TITLE 24 RECEPTACLE. 20A quad outlet. (2) circuit 1, (2) control ckt 4. DARK GRAY.
CT.C.PW1cc.1-Q34-DG	POWER DEVICE 1: TITLE 24 RECEPTACLE. 20A quad outlet. (2) circuit 3, (2) control ckt 4. DARK GRAY.

A Receptacle Device is a NEMA 5-20R quad power device available in a single/split circuit with 4 circuit options.

CONNECTRAC.
A brand of 🔲legrand
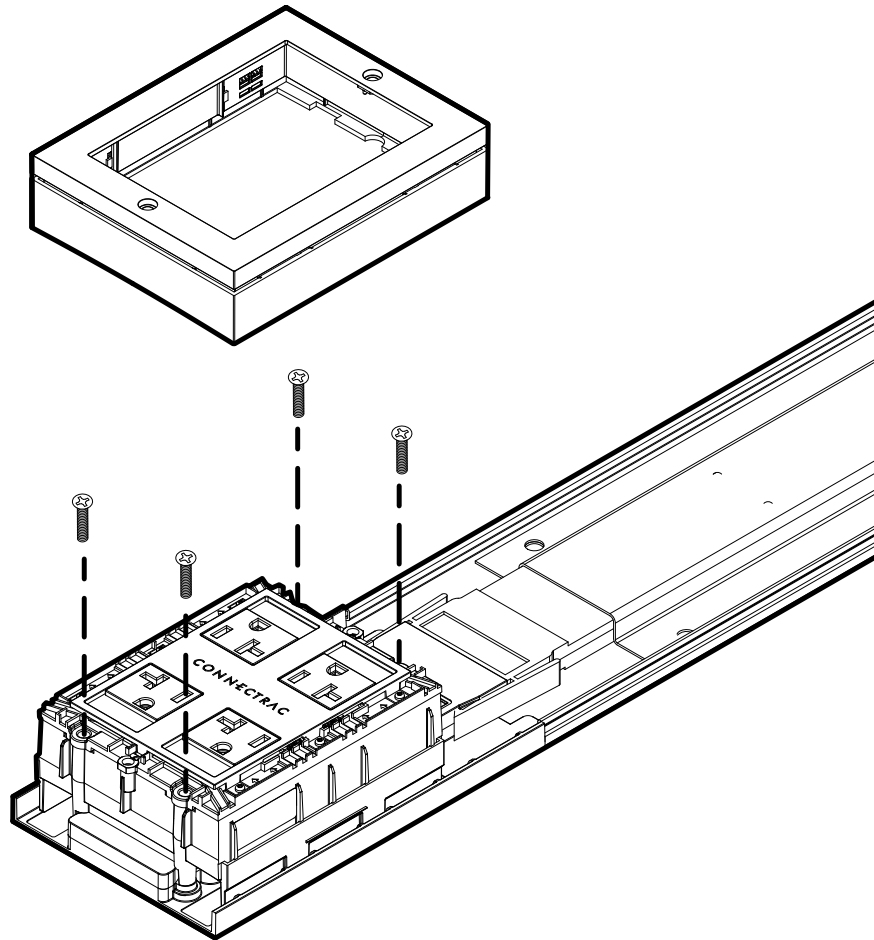
COLORS + FINISHES
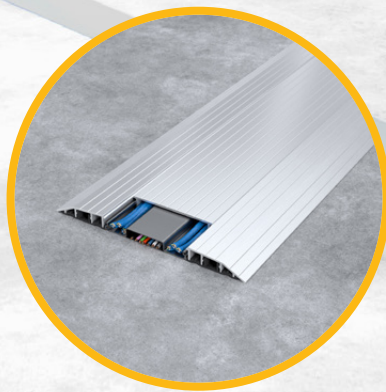
Visible Flex Components (ON, MX)

Top Covers and Transition Ramps for the Flex ON-floor system and Top Covers for the MX system are visible on top of the flooring surface and are available in a standard Silver finish or an optional Dark Gray finish for an extra charge.

Silver (SV)
Standard finish

Dark Gray (DG)
Optional finish

HOW WE CAN HELP

Online Videos

See how the Flex® Raceway System is built out and configured with other innovative Legrand products.

connectrac.com/home/videos

Design Team Services

Our Design Team is a unique resource full of industry specialists that are available to help you specify the best solution for your next project.

connectrac.com/design-services

Contact Us

Phone: 877.480.5637
Email: info@connectrac.com
Website: connectrac.com

CONNECTRAC®

A brand of legrand®

c(UL)us LISTED

ADA COMPLIANT