WIREMOLD®
Resource RFB® E Series Floor Boxes with Round Activations

RFB4E Floor Box with Evolution Series Cover

Recessed Floor Boxes for Concrete Floors

Resource RFB® E Series Floor Boxes are versatile recessed activation solutions that provide power, communication and/or A/V services to open space areas, or directly to workstations. Resource RFB E Series Floor Boxes are available in two- to six-gang models with a variety of aesthetic cover options including colors and profiles available.

Resource RFB E Series Floor Boxes have many applications, including schools, financial institutions, commercial office buildings, and hospitality.

PRODUCTS: RFB2E, RFB2E-OG, RFB4E, RFB4E-OG, RFB6E, RFB6E-OG

Features & Benefits

- **Installs in bare concrete and terrazzo floors.** By using bare floor and terrazzo rings (sold separately) these boxes can be installed in bare concrete or terrazzo floors with a clean, aesthetic finish.
- **Lightweight "slab-on-grade" version.** Special fusion-bonded epoxy corrosion resistant paint finish allows for slab-on-grade use without the weight of cast iron material.
- **Fully adjustable before and after the concrete pour.** Labor savings by adapting to various pour depths and conditions.
- **Range of conduit sizes.** Standard box allows for most conduit schemes, even feed-through capability, which saves time and money during installation. KOs range from 3/4" to 1 1/4" trade size.
- **2" Conduit Hub.** By using 2HUB (sold separately) with the RFB2E, RFB4E & RFB6E Floor Boxes, a greater capacity of pre-terminated cables can be brought into the shallower box increasing functionality and reducing concrete pours.
- **Triple service boxes.** Accommodates power, communication and/or audio/video devices which reduces the need for multiple boxes.
- **Uses Evolution Series Round Activation Covers.** Provides TopGuard protection from water, dirt and debris plus added strength and durability. Now available in seven decorative finishes: Brushed Aluminum and Black, Brass, Nickel, Gray, Bronze and Aluminum powder coats for carpet, tile and furniture feed versions.
- **Wide variety of device mounting brackets.** Can adapt to most power and communication needs. Reduces overall life cycle cost.
- **Datacom connectivity options.** Accepts industry standard and proprietary devices from a wide range of manufacturers to provide a seamless and aesthetically pleasing interface for voice, data, audio, and video applications at the point-of-use. A wide selection of data and adapter options are available for use with Ortronics TracJack and Series II devices.
- **NAFTA versions.** Evolution Series Covers are now available in versions that meet NAFTA requirements.

Vertical Markets

- Commercial
- Education
- Healthcare
- Retail
- Hospitality
- Financial

PEP ecoPASSPORT®

Download this product's PEP ecopasport® environmental product declaration at www.legrand.us/resources-and-downloads. This declaration conforms with ISO 14025 and 14040 and is in alignment with EN 15804.

Compliance

c UL us

cULus Listed Metallic Outlet Boxes for tile, terrazzo, carpet and wood floors. File E2961 Guide QCIT/7.

TOP GUARD™

Protection from water, dirt, and debris.

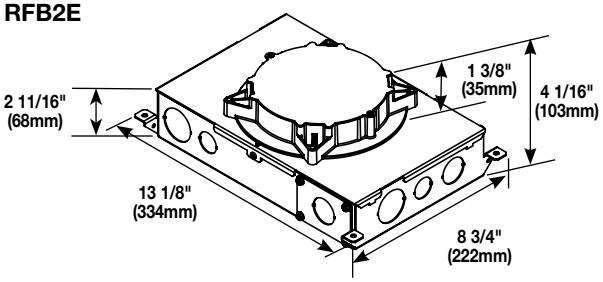
RFB Series Floor Boxes with Round Activations Selection Guide

Box Model	Install Floor Type: Concrete	Wood	Box Type:	Box Capacity:	Depth Behind Plates:	A/V Compatibility	Trade Size Conduit Feed:	Cover Style	Country of Origin	Adjustability
RFB2E	Yes	No	Above Grade	2 Gangs	3 1/2" (89mm)	Legrand AVIP, Altinex Intera, Extron AAP, MAAP & Decorator, Ortronics Series II	3/4" – 2"	Evolution 6CT2, 6CTC2 & 6CFFTC Series	Mexico	Fully Adjustable
RFB2E-OG	Yes	No	On-Grade	2 Gangs	3 1/2" (89mm)		3/4" – 2"		Mexico	
RFB4E	Yes	No	Above Grade	4 Gangs	3 1/2" (89mm)		3/4" – 2"		Mexico	
RFB4E-OG	Yes	No	On-Grade	4 Gangs	3 1/2" (89mm)		3/4" – 2"		Mexico	
RFB6E	Yes	No	Above Grade	6 Gangs	3 1/4" (83mm)		3/4" – 2"	Evolution 8CT2 & 8CTC2 Series	Mexico	
RFB6E-OG	Yes	No	On-Grade	6 Gangs	3 1/4" (83mm)		3/4" – 2"		Mexico	

NOTE: Pricing may vary depending on country of origin. Consult your local sales representative for more information.

RFB2E Series Floor Boxes Ordering Information

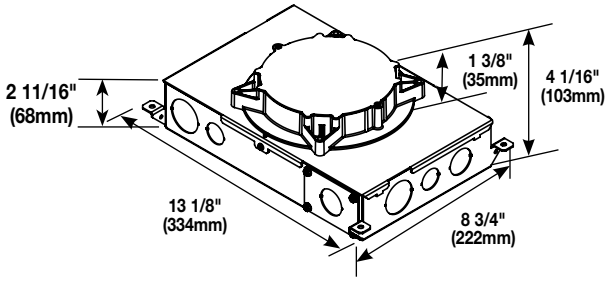
RFB2E



Two-Compartment Floor Box – For use in concrete floors. For use with round Evolution covers. Fully configurable with removable dividers. Device plates sold separately.

Country of Origin: Mexico

RFB2E-OG



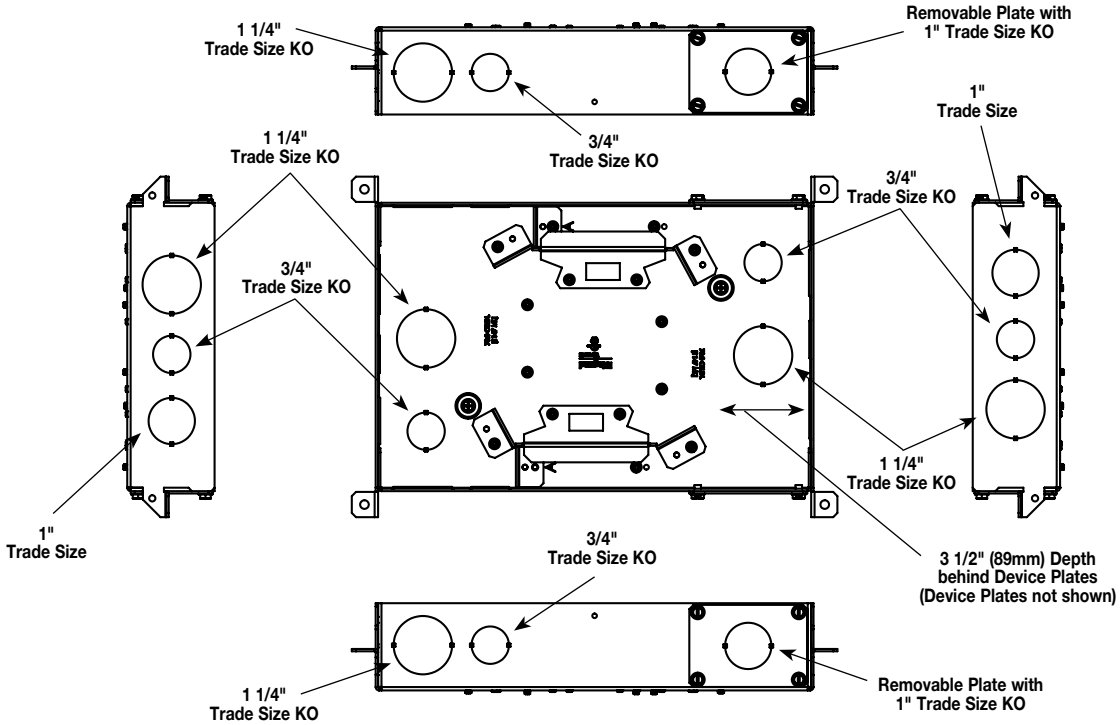
Two-Compartment On-Grade Floor Box – For use in concrete floors. For use with round Evolution covers. Fully configurable with removable dividers. Device plates sold separately.

NOTE: RFB2E-OG for on-grade applications is painted with a fusion-bonded epoxy designed for use on metal reinforcement bar and related accessories before encapsulating in concrete.

Country of Origin: Mexico

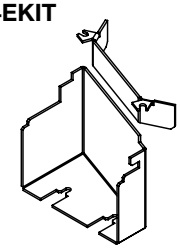
RFB2E Series Floor Boxes Compartment Capacities/Knockout Locations & Sizes

RFB2E & RFB2E-OG COMPARTMENT CAPACITIES	
EACH COMPARTMENT	70 in.^{3} (1147ml.)



RFB2E, RFB2E-OG Series Floor Box Accessories Ordering Information

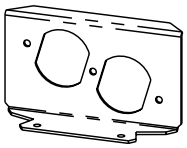
RFB4EKIT



Barrier Kit – Barrier kit used to separate power and communication services in combination with a 6CFFTC Furniture Feed Cover (sold separately).

Country of Origin: Mexico

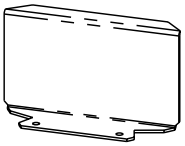
RFB6DP



Internal Duplex Receptacle Bracket – Accepts standard 15 & 20 Amp duplex receptacles.

Country of Origin: USA

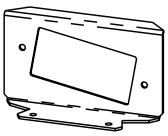
RFB6B



Internal Blank Bracket – Closes off unused gangs.

Country of Origin: USA

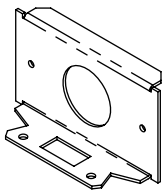
RFB6GFI



Internal GFI or Decorator Style Receptacle Bracket – Accepts standard GFCI & Decorator style receptacles, communication or A/V devices.

Country of Origin: USA

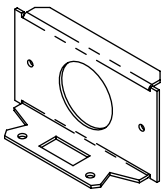
RFB6S1



Internal Single Receptacle Bracket – Receptacle opening 1 3/8" (35mm).

Country of Origin: USA

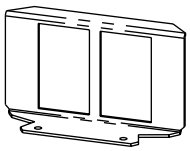
RFB6S2



Internal Single Receptacle Bracket – Receptacle opening 1 9/16" (40mm).

Country of Origin: USA

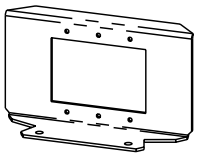
RFB6RT



Internal Communication Bracket – Includes two (2) adapters to accept Ortronics TracJack devices, and two (2) adapters to accept Ortronics Series II devices (sold separately).

Country of Origin: USA

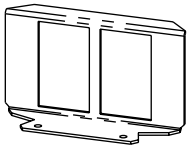
RFB6EXT



Internal Audio/Video Bracket – Accepts three (3) Legrand AVIP or Extron Electronics MAAP Series devices (sold separately).

Country of Origin: USA

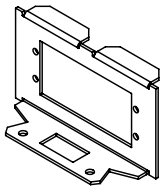
RFB62A



Internal Communication Bracket – Includes two (2) adapters to accept Wiremold CM2 Series Open System communication inserts (sold separately).

Country of Origin: USA

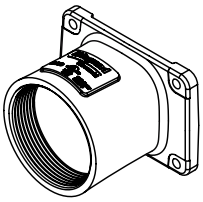
RFB6-AAP



Internal Audio/Video Bracket – Accepts two (2) Extron Electronics AAP Series d evices (sold separately).

Country of Origin: USA

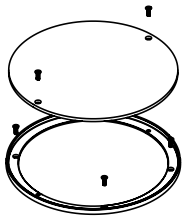
2HUB



2" Conduit Transition Hub – Trade size 2" die cast zinc conduit fitting allows for 2" conduit to transition into a shallow box design. Includes: die cast fitting, gasket, and mounting screws.

Country of Origin: USA

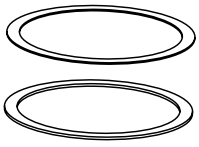
RFB4E-CTR



Bare Concrete & Terrazzo Ring – Nonmetallic ring for use with bare concrete and terrazzo floor applications.

Country of Origin: USA

6TS

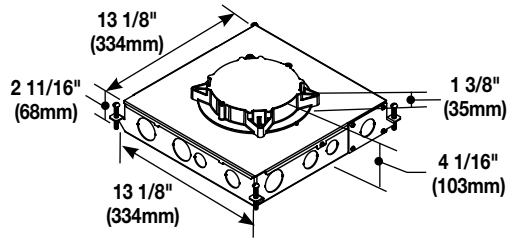


Tile Shim – Used for floor coverings greater than 5/16" (7.9mm). The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: six (6) 1/16" (1.6mm) thick shims. Up to a total of 3/8" (9.5mm) of adjustment, per pack of tile shims.

Country of Origin: USA

RFB4E, RFB4E-OG Floor Box Ordering Information

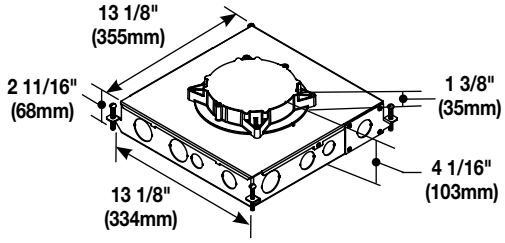
RFB4E



Four-Compartment Floor Box – For use in concrete floors. For use with the round Evolution cover. Fully adjustable with tunnel compartments. Device Plates sold separately.

Country of Origin: Mexico

RFB4E-OG



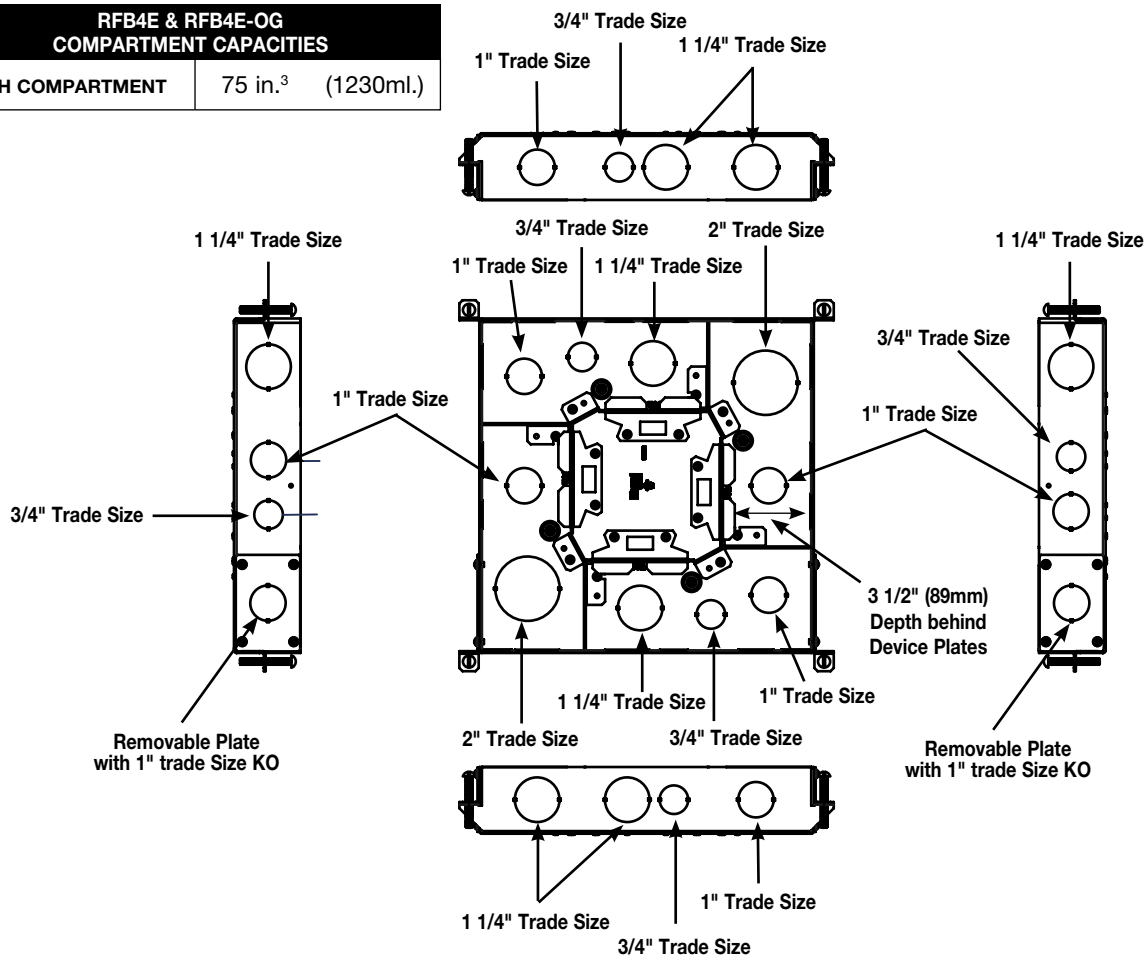
Four-Compartment On-Grade Floor Box – For use in concrete floors. For use with the round Evolution cover. Fully adjustable with tunnel compartments. Device Plates sold separately.

Country of Origin: Mexico

NOTE: RFB4E-OG for on-grade applications is painted with a fusion-bonded epoxy designed for use on metal reinforcement bar and related accessories before encapsulating in concrete.

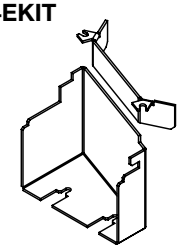
RFB4E, RFB4E-OG Floor Box Compartment Capacities and Knockout Locations and Sizes

RFB4E & RFB4E-OG COMPARTMENT CAPACITIES	
EACH COMPARTMENT	75 in.^{3} (1230ml.)



RFB4E, RFB4E-OG Floor Box Accessories Ordering Information

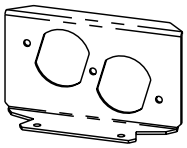
RFB4EKIT



Barrier Kit – Barrier kit used to separate power and communication services in combination with a 6CFFTC Furniture Feed Cover. (sold separately).

Country of Origin: Mexico

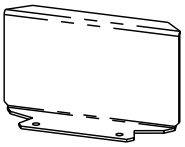
RFB6DP



Internal Duplex Receptacle Bracket – Accepts standard 15 & 20 Amp duplex receptacles.

Country of Origin: USA

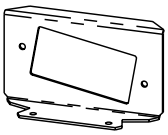
RFB6B



Internal Blank Bracket – Closes off unused gangs.

Country of Origin: USA

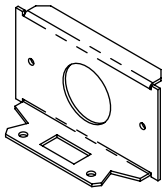
RFB6GFI



Internal GFI or Decorator Style Receptacle Bracket – Accepts standard GFCI & Decorator style receptacles, communication or AV devices.

Country of Origin: USA

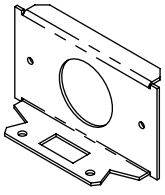
RFB6S1



Internal Single Receptacle Bracket – Receptacle opening 1 3/8" (35mm).

Country of Origin: USA

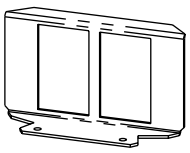
RFB6S2



Internal Single Receptacle Bracket – Receptacle opening 1 9/16" (40mm).

Country of Origin: USA

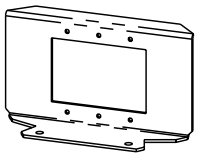
RFB6RT



Internal Communication Bracket – Includes two (2) adapters to accept Ortronics TracJack devices, and two (2) adapters to accept Ortronics Series II devices (sold separately).

Country of Origin: USA

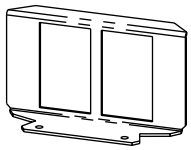
RFB6EXT



Internal Audio/Video Bracket – Accepts three (3) Legrand AVIP or Extron Electronics MAAP Series devices (sold separately).

Country of Origin: USA

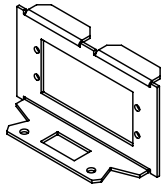
RFB62A



Internal Communication Bracket – Includes two (2) adapters to accept Wiremold CM2 Series Open System communication inserts (sold separately).

Country of Origin: USA

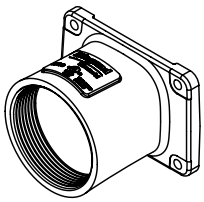
RFB6-AAP



Internal Audio/Video Bracket – Accepts two (2) Extron Electronics AAP Series devices (sold separately).

Country of Origin: USA

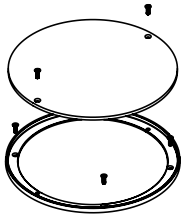
2HUB



2" Conduit Transition Hub – Trade size 2" die cast zinc conduit fitting allows for 2" conduit to transition into a shallow box design. Includes: die cast fitting, gasket, and mounting screws.

Country of Origin: USA

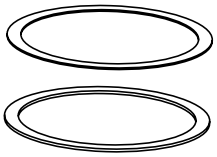
RFB4E-CTR



Bare Concrete & Terrazzo Ring – Nonmetallic ring for use with bare concrete and terrazzo floor applications.

Country of Origin: USA

6TS

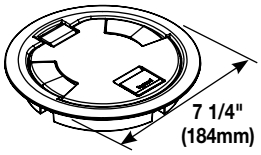


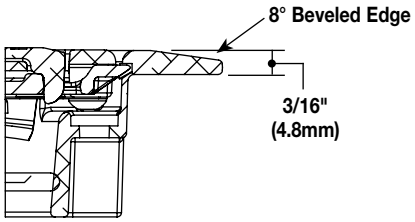
Tile Shim – Used for floor coverings greater than 5/16" (7.9mm). The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" (3.2mm) and two (2) 1/16" (1.6mm) thick shims. Up to a total of 3/8" (9.5mm) of adjustment per pack of tile shims.

Country of Origin: USA

Evolution Series Cover Assemblies for RFB2E & RFB4E Floor Boxes Ordering Information

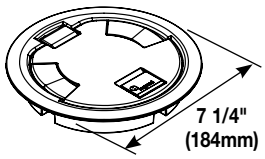
Catalog No./Item	Description/Specifications
6CTC2BK **6CTC2BS** **6CTC2GY** **6CTC2NK** **6CTC2BZ** **6CTC2AA** **6CTC2SB** **6CTC2SN**	**Surface Style Cover Assembly –** Low profile cover designed to attach to the 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies. Each cover is made from die-cast aluminum materials and equipped with a durable hinge which allows the cover to rotate open 180°, two (2) slide egress doors that lock in the open position and auto close around the cables when the covers are closed, an 8° beveled edge that meets ADA guidelines and reduces tripping hazards. These covers are designed to sit on top of finished floor surfaces such as: carpet, tile, wood, polished concrete and terrazzo. Available in five (5) aesthetic powder coated finishes: black (BK), brass (BS), gray (GY), nickel (NK), bronze (BZ), as well as three metal finishes: brushed aluminum (AA), satin brass plated (SB) and satin nickel plated (SN). **Country of Origin: India or Mexico**

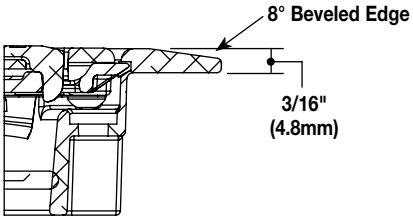




NOTE: All surface style poke-thru devices come with a transition angle to aid in the change in floor elevation.

Catalog No./Item	Description/Specifications
6CTC2BKTR **6CTC2BSTR** **6CTC2GYTR** **6CTC2NKTR** **6CTC2BZTR** **6CTC2AATR** **6CTC2SBTR** **6CTC2SNTR**	**Tamper-Resistant Surface Style Cover Assembly –** Low profile cover designed to attach to the 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies. Each cover is made from die-cast aluminum materials and equipped with a tamper-resistant screw to keep out unauthorized personnel, a durable hinge which allows the cover to rotate open 180°, two (2) slide egress doors that lock in the open position and auto close around the cables when the covers are closed, an 8° beveled edge that meets ADA guidelines and reduces tripping hazards. These covers are designed to sit on top of finished floor surfaces such as: carpet, tile, wood, polished concrete and terrazzo. Available in five (5) aesthetic powder coated finishes: black (BK), brass (BS), gray (GY), nickel (NK), bronze (BZ), as well as three metal finishes: brushed aluminum (AA), satin brass plated (SB) and satin nickel plated (SN). **Country of Origin: India or Mexico**

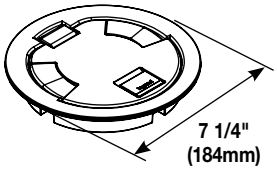


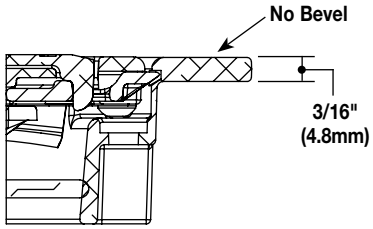


NOTE: All surface style poke-thru devices come with a transition angle to aid in the change in floor elevation.

Evolution Series Cover Assemblies for RFB2E & RFB4E Floor Boxes Ordering Information

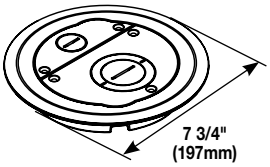
Catalog No./Item	Description/Specifications
6CT2BK **6CT2BS** **6CT2GY** **6CT2NK** **6CT2BZ** **6CT2AA** **6CT2SB** **6CT2SN**	**Flush Style Cover Assembly –** Low profile covers that are designed to attach to the 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies. Each cover is made from die-cast aluminum materials and equipped with a durable hinge which allows the cover to rotate open 180°, two (2) slide egress doors that lock in the open position and auto close around the cables when the covers are closed. These covers are designed to sit flush with finished floor coverings such as: carpet, tile, and wood. Available in five (5) aesthetic powder coated finishes: black (BK), brass (BS), gray (GY), nickel (NK), bronze (BZ), as well as three metal finishes: brushed aluminum (AA), satin brass plated (SB) and satin nickel plated (SN). **Country of Origin: India or Mexico**



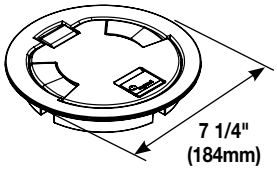


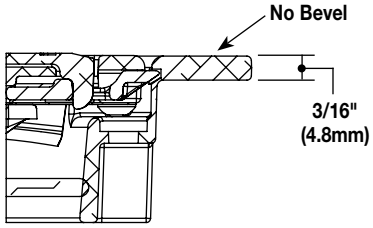
NOTE: Includes 6TS Tile Shim.

Catalog No./Item	Description/Specifications
6CFFTCBK **6CFFTCBS** **6CFFTCGY** **6CFFTCNK** **6CFFTCBZ** **6CFFTCAA**	**Furniture Feed Cover Assembly –** Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2"-1 1/4" trade size screw plug opening. Cover assembly is available in five (5) powder coated finishes: black (BK), gray(GY), nickel (NK), brass (BS), bronze (BZ) and brushed aluminum (AA). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke-Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services. **Country of Origin: USA**



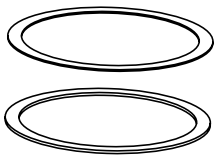
Catalog No./Item	Description/Specifications
6CT2BKTR **6CT2BSTR** **6CT2GYTR** **6CT2NKTR** **6CT2BZTR** **6CT2AATR** **6CT2SBTR** **6CT2SNTR**	**Tamper-Resistant Flush Style Cover Assembly –** Low profile covers that are designed to attach to the 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies. Each cover is made from die-cast aluminum materials and equipped with a tamper-resistant screw to keep out unauthorized personnel, a durable hinge which allows the cover to rotate open 180°, two (2) slide egress doors that lock in the open position and auto close around the cables when the covers are closed. These covers are designed to sit flush with finished floor coverings such as: carpet, tile, and wood. Available in five (5) aesthetic powder coated finishes: black (BK), brass (BS), gray (GY), nickel (NK), bronze (BZ), as well as three metal finishes: brushed aluminum (AA), satin brass plated (SB) and satin nickel plated (SN). **Country of Origin: India or Mexico**





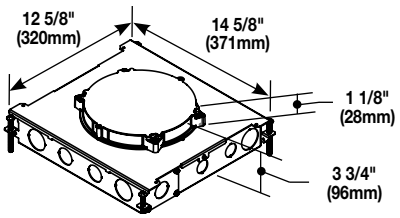
NOTE: Includes 6TS Tile Shim.

Catalog No./Item	Description/Specifications
6TS	**Tile Shim –** Used for floor coverings greater than 3/16" (4.8mm). The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: six (6) 1/16" (1.6mm) thick shims. Up to a total of 3/8" (9.5mm) of adjustment. **Country of Origin: USA**



RFB6E, RFB6E-OG Floor Box Ordering Information

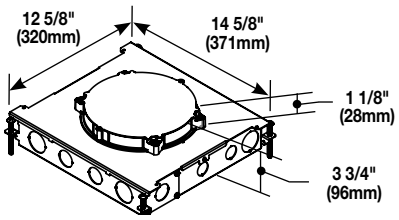
RFB6E



Six-Compartment Floor Box – For use in concrete floors. For use with the round Evolution cover. Fully adjustable with tunnel compartments. Supplied with two (2) duplex mounting plates. Other plates sold separately.

Country of Origin: Mexico

RFB6E-OG



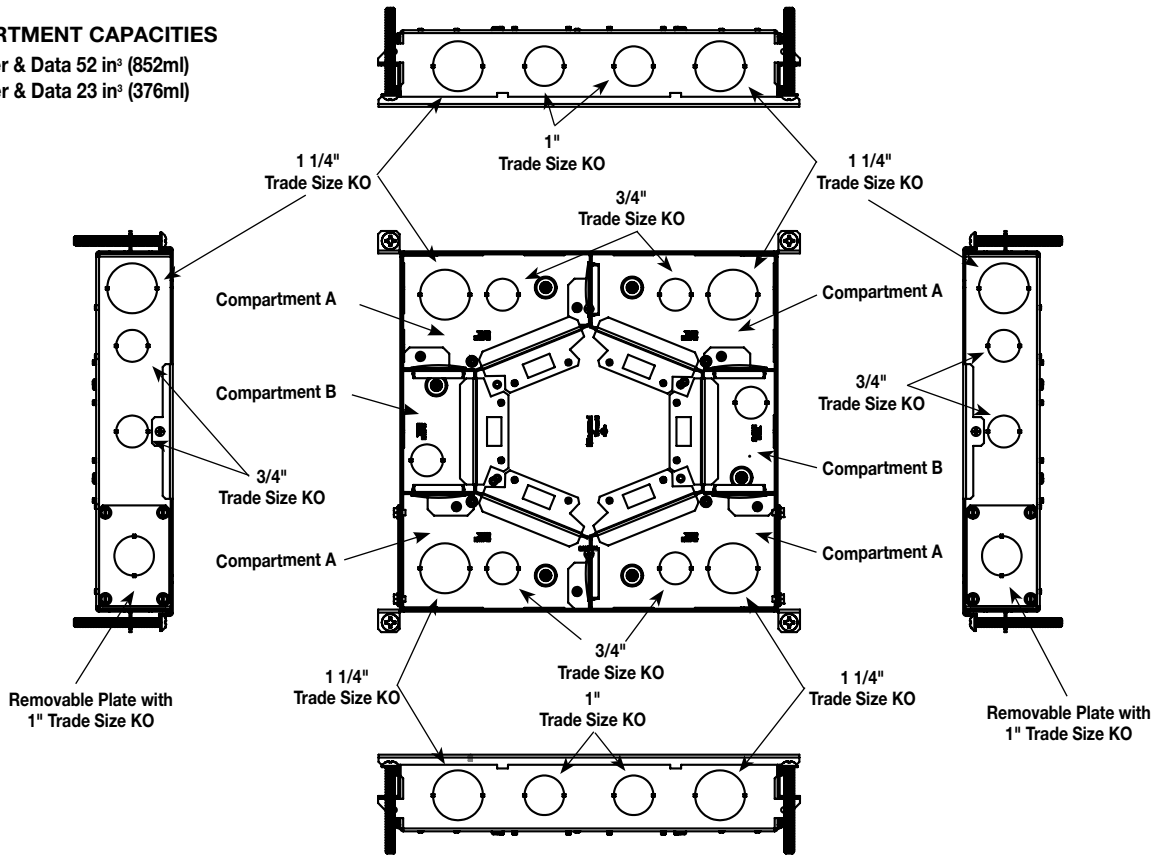
Six-Compartment On-Grade Floor Box – For use in concrete floors. For use with the round Evolution cover. Fully adjustable with tunnel compartments. Supplied with two (2) duplex mounting plates. Other plates sold separately.

Country of Origin: Mexico

NOTE: RFB6E-OG for on-grade applications is painted with a fusion-bonded epoxy designed for use on metal reinforcement bar and related accessories before encapsulating in concrete.

RFB6E, RFB6E-OG Floor Box Compartment Capacities and Knockout Locations and Sizes

COMPARTMENT CAPACITIES
A = Power & Data 52 in³ (852ml)
B = Power & Data 23 in³ (376ml)

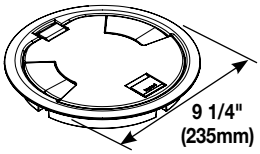


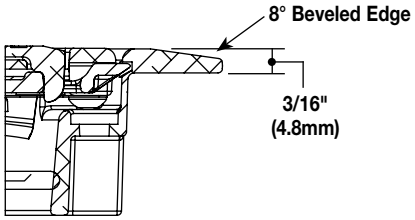
Feed through is accomplished through removable plugs.
2" HUB feed through accomplished by removing divider.

floor
han 5/16"
S will allow the top
cover to be flush
ished floor. Includes:
1/8" (3.2mm) and two (2)

Evolution Series Series Cover Assemblies for RFB6E Series Floor Boxes

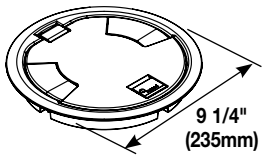
Catalog No./Item	Description/Specifications
8CTC2BK **8CTC2BS** **8CTC2GY** **8CTC2NK** **8CTC2BZ** **8CTC2AA** **8CTC2SB** **8CTC2SN**	**Surface Style Cover Assembly –** Low profile cover designed to attach to the 8STC and 8STCP Poke-Thru Stem Assemblies. Each cover is made from die-cast aluminum materials and equipped with a durable hinge which allows the cover to rotate open 180°, two (2) slide egress doors that lock in the open position and auto close around the cables when the covers are closed, an 8° beveled edge that meet ADA guidelines and reduces tripping hazards. These covers are designed to sit on top of the finished floor surfaces such as: carpet, tile, wood, polished concrete and terrazzo. Available in five (5) aesthetic powder coated finishes: black (BK), brass (BS), gray (GY), nickel (NK), bronze (BZ), as well as three metal finishes: brushed aluminum (AA), satin brass plated (SB) and satin nickel plated (SN). **Country of Origin: India or Mexico**

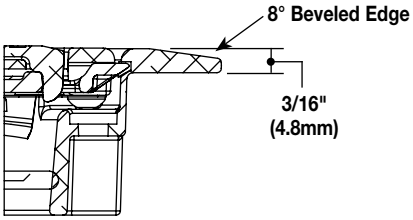




NOTE: All surface style poke-thru devices come with a transition angle to aid in the change in floor elevation.

Catalog No./Item	Description/Specifications
8CTC2BKTR **8CTC2BSTR** **8CTC2GYTR** **8CTC2NKTR** **8CTC2BZTR** **8CTC2AATR** **8CTC2SBTR** **8CTC2SNTR**	**Tamper-Resistant Surface Style Cover Assembly –** Low profile cover designed to attach to the 8STC and 8STCP Poke-Thru Stem Assemblies. Each cover is made from die-cast aluminum materials and equipped with a tamper-resistant screw to keep out unauthorized personnel, a durable hinge which allows the cover to rotate open 180°, two (2) slide egress doors that lock in the open position and auto close around the cables when the covers are closed, an 8° beveled edge that meet ADA guidelines and reduces tripping hazards. These covers are designed to sit on top of the finished floor surfaces such as: carpet, tile, wood, polished concrete and terrazzo. Available in five (5) aesthetic powder coated finishes: black (BK), brass (BS), gray (GY), nickel (NK), bronze (BZ), as well as three metal finishes: brushed aluminum (AA), satin brass plated (SB) and satin nickel plated (SN). **Country of Origin: India or Mexico**

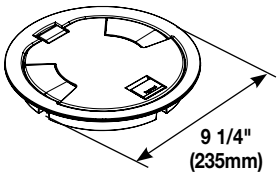


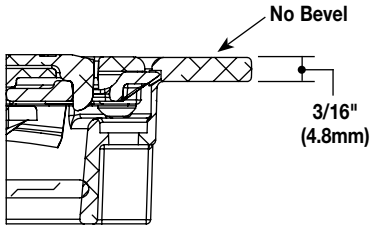


NOTE: All surface style poke-thru devices come with a transition angle to aid in the change in floor elevation.

Evolution Series Series Cover Assemblies for RFB6E Series Floor Boxes

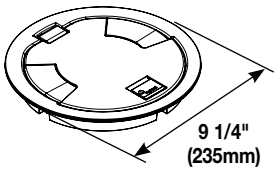
Catalog No./Item	Description/Specifications
8CT2BK **8CT2BS** **8CT2GY** **8CT2NK** **8CT2BZ** **8CT2AA** **8CT2SB** **8CT2SN**	**Flush Style Cover Assembly –** Low profile covers that are designed to attach to the 8STC and 8STCP Poke-Thru Stem Assemblies. Each cover is made from die-cast aluminum materials and equipped with a durable hinge which allows the cover to rotate open 180°, two (2) slide egress doors that lock in the open position and auto close around the cables when the covers are closed. These covers are designed to sit flush with the finished floor surfaces such as: carpet, tile, and wood. Available in five (5) aesthetic powder coated finishes: black (BK), brass (BS), gray (GY), nickel (NK), bronze (BZ), as well as three metal finishes: brushed aluminum (AA), satin brass plated (SB) and satin nickel plated (SN). **Country of Origin: India or Mexico**

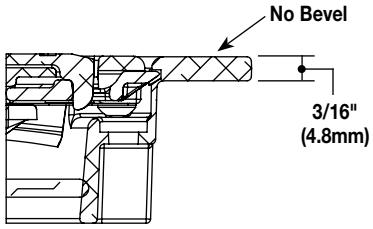




NOTE: Includes 8TS Tile Shim.

Catalog No./Item	Description/Specifications
8CT2BKTR **8CT2BSTR** **8CT2GYTR** **8CT2NKTR** **8CT2BZTR** **8CT2AATR** **8CT2SBTR** **8CT2SNTR**	**Tamper-Resistant Flush Style Cover Assembly –** Low profile covers that are designed to attach to the 8STC and 8STCP Poke-Thru Stem Assemblies. Each cover is made from die-cast aluminum materials and equipped with a tamper-resistant screw to keep out unauthorized personnel, a durable hinge which allows the cover to rotate open 180°, two (2) slide egress doors that lock in the open position and auto close around the cables when the covers are closed. These covers are designed to sit flush with the finished floor surfaces such as: carpet, tile, and wood. Available in five (5) aesthetic powder coated finishes: black (BK), brass (BS), gray (GY), nickel (NK), bronze (BZ), as well as three metal finishes: brushed aluminum (AA), satin brass plated (SB) and satin nickel plated (SN). **Country of Origin: India or Mexico**





NOTE: Includes 8TS Tile Shim.

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