

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



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

RFB4E Floor Box with Evolution Series Cover

- 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 fusionbonded 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 pointof-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

- CommercialEducation
- Healthcare
 Retail
- Hospitality
 Financial



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



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



Protection from water, dirt, and debris.



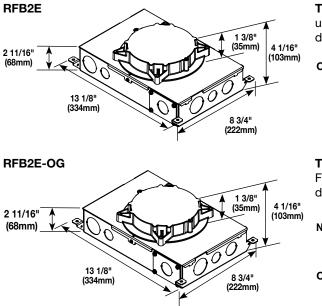
RFB Series Floor Boxes with Round Activations Selection Guide

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

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



RFB2E Series Floor Boxes Ordering Information



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

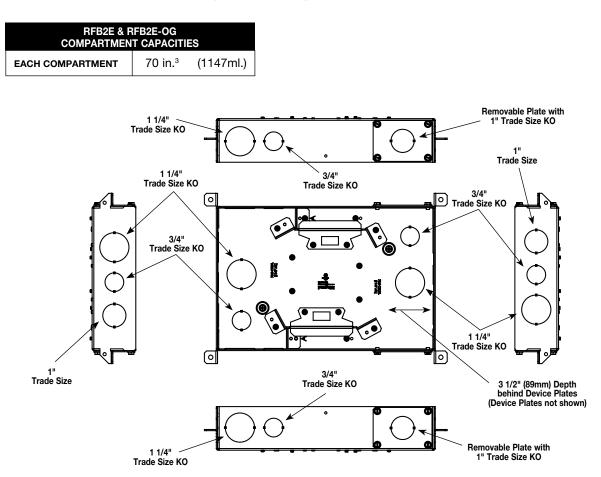
Country of Origin: Mexico

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 Series Floor Box Accessories Ordering Information

Barrier Kit - Barrier kit

Furniture Feed Cover (sold separately).

used to separate power and

communication services in

Country of Origin: Mexico

Internal Duplex Receptacle

Bracket - Accepts standard

Country of Origin: USA

off unused gangs.

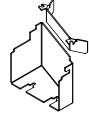
Country of Origin: USA

15 & 20 Amp duplex receptacles.

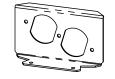
Internal Blank Bracket - Closes

combination with a 6CFFTC

RFB4EKIT



RFB6DP



RFB6B



RFB6GFI



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

Country of Origin: USA

Country of Origin: USA

1 3/8" (35mm).

Internal Single Receptacle

Bracket - Receptacle opening

RFB6S1

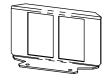
RFB6S2



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

Country of Origin: USA

RFB6RT

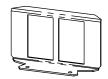


Internal Communication Bracket – Includes two (2) adapters to accept Ortronics TracJack devices, and two (2) adapters to accept Ortronics Series I devices (sold separately).

Country of Origin: USA

RFB6EXT

RFB62A



RFB6-AAP



2HUB



RFB4E-CTR



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

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

Country of Origin: USA

devices (sold separately).

Internal Communication

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

Country of Origin: USA

Internal Audio/Video Bracket – Accepts two (2) Extron

Electronics AAP Series d evices (sold separately).

Country of Origin: USA

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.

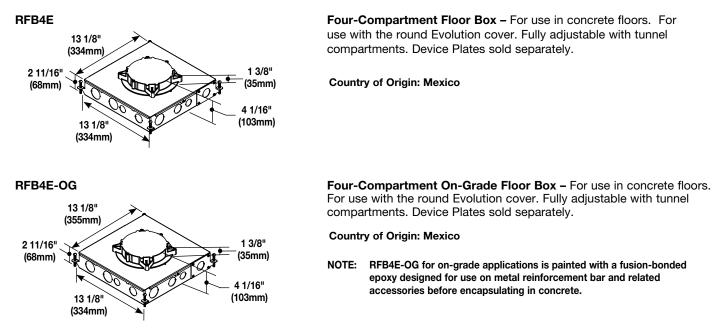
Country of Origin: USA

Bare Concrete & Terrazzo Ring – Nonmetallic ring for use with bare

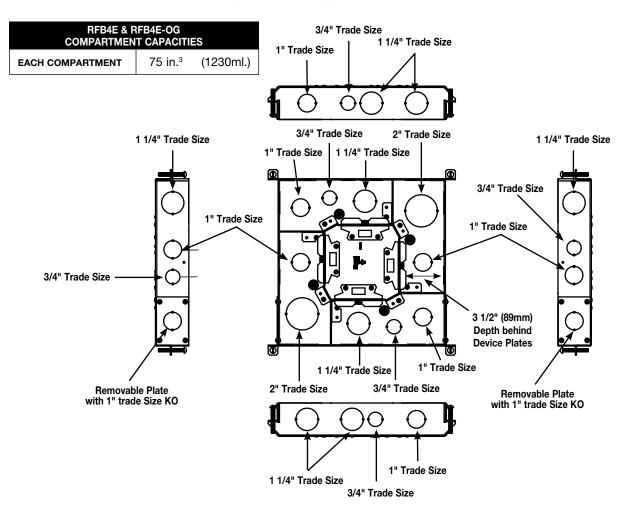
Nonmetallic ring for use with bare concrete and terrazzo floor applications.

Country of Origin: USA

RFB4E, RFB4E-OG Floor Box Ordering Information



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





RFB4E, RFB4E-OG Floor Box Accessories Ordering Information

Barrier Kit - Barrier kit

Furniture Feed Cover. (sold separately).

Country of Origin: Mexico

Internal Duplex Receptacle

Bracket - Accepts standard

Country of Origin: USA

off unused gangs.

AV devices.

1 3/8" (35mm).

1 9/16" (40mm).

Country of Origin: USA

Country of Origin: USA

Country of Origin: USA

Country of Origin: USA

15 & 20 Amp duplex receptacles.

Internal Blank Bracket - Closes

Internal GFI or Decorator Style Receptacle Bracket – Accepts

standard GFCI & Decorator style

receptacles, communication or

Internal Single Receptacle Bracket – Receptacle opening

Internal Single Receptacle

Bracket - Receptacle opening

used to separate power and

communication services in

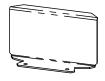
combination with a 6CFFTC



RFB6DP



RFB6B



RFB6GFI



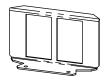
RFB6S1



RFB6S2



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







RFB6-AAP



2HUB



RFB4E-CTR



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

Country of Origin: USA

per pack of tile shims.

Internal Audio/Video Bracket – Accepts three (3) Legrand AVIP or

Extron Electronics MAAP Series devices (sold separately).

Country of Origin: USA

Internal Communication

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

Country of Origin: USA

Internal Audio/Video Bracket -

Accepts two (2) Extron Electronics AAP Series devices (sold separately).



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.

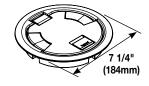
Country of Origin: USA

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

Country of Origin: USA

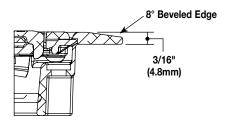
Evolution Series Cover Assemblies for RFB2E & RFB4E Floor Boxes Ordering Information

Catalog No./Item	Description/Specifications		
6CTC2BK	Surface Style Cover Assem		
6CTC2BS	Low profile cover designed to		
6CTC2GY	attach to the 6STC, 6STCP, a		
6CTC2NK	6STCPAV Poke-Thru Stem		
6CTC2BZ	Assemblies. Each cover is ma		
6CTC2AA	from die-cast aluminum mate		
6CTC2SB	and equipped with a durable		
6CTC2SN	hinge which allows the cover		
	rotate open 180°, two (2) slid		



ce Style Cover Assembly – profile cover designed to to the 6STC, 6STCP, and PAV Poke-Thru Stem nblies. Each cover is made die-cast aluminum materials quipped with a durable which allows the cover to 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



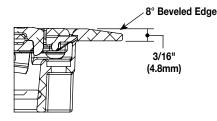
NOTE: All surface style poke-thru devices come with a transition angle to aid in the change in floor elevation.

Catalog No./Item
6CTC2BKTR
6CTC2BSTR
6CTC2GYTR
6CTC2NKTR
6CTC2BZTR
6CTC2AATR
6CTC2SBTR 6CTC2SNTR
0010200111



Description/Specifications 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

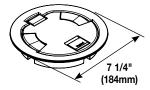


NOTE: All surface style poke-thru devices come with a transition angle to aid in the change in floor elevation.



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

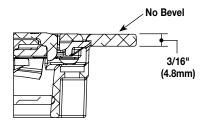
Catalog No./Item
6CT2BK
6CT2BS
6CT2GY
6CT2NK
6CT2BZ
6CT2AA
6CT2SB
6CT2SN



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).

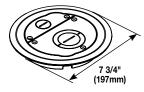
Description/Specifications

Country of Origin: India or Mexico



NOTE: Includes 6TS Tile Shim.

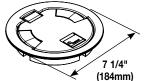
6CFFTCBK 6CFFTCBS 6CFFTCGY 6CFFTCNK 6CFFTCBZ 6CFFTCAA



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

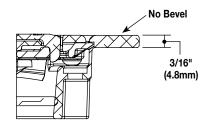
Catalog No./Item
6CT2BKTR
6CT2BSTR
6CT2GYTR
6CT2NKTR
6CT2BZTR
6CT2AATR
6CT2SBTR
6CT2SNTR



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).

Description/Specifications

Country of Origin: India or Mexico



NOTE: Includes 6TS Tile Shim.

6TS

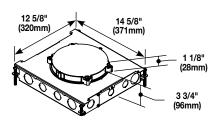


Tile Shim – Used for floor coverings greater than 3/16" (4.8mm). The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: six (6) 1/16" (1.6mm) thick shims. Up to a total of 3/8" (9.5mm) of adjustment.

Country of Origin: USA

RFB6E, RFB6E-OG Floor Box Ordering Information

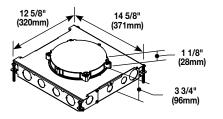
RFB6E



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

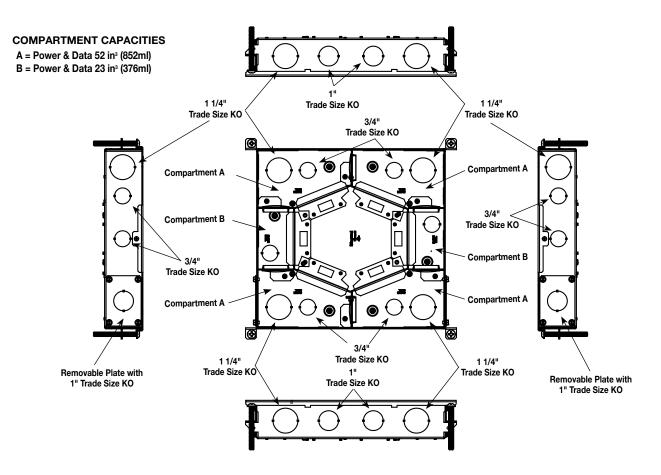


Six-Compartment On-Grade Floor Box – For use in concrete floors. For use with the round Evolution cover. Fully adjustable with tunnel compartments. Supplied with two (2) duplex mounting plates. Other plates sold separately.

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

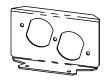


Feed through is accomplished through removable plugs. 2" HUB feed through accomplished by removing divider.



RFB6E, RFB6E-OG Floor Box Accessories Ordering Information

RFB6DP



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

Internal Blank Bracket - Closes

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

Country of Origin: USA

off unused gangs.

A/V devices.

1 3/8" (35mm).

Country of Origin: USA

Country of Origin: USA

Country of Origin: USA

Internal Single Receptacle

Bracket - Receptacle opening

RFB6B



RFB6GFI



RFB6S1



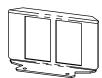
RFB6S2



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

Country of Origin: USA

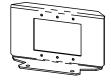
RFB6RT



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

Country of Origin: USA

RFB6EXT



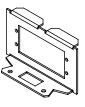
Internal Audio/Video Bracket -Accepts three (3) Legrand AVIP or Extron Electronics MAAP Series devices (sold separately).

Country of Origin: USA

RFB62A



RFB6-AAP



2HUB



8TS



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

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.

Internal Communication

Bracket - Includes two (2)

(sold separately). Country of Origin: USA

(sold separately).

adapters to accept Wiremold CM2 Series Open System communication inserts

Internal Audio/Video Bracket -

Electronics AAP Series devices

Accepts two (2) Extron

Country of Origin: USA

Country of Origin: USA

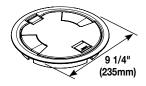
Bare Concrete & Terrazzo Ring -Nonmetallic ring for use with bare concrete and terrazzo floor applications.

Country of Origin: USA

RFB6E-CTR

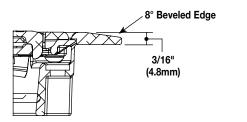
Evolution Series Series Cover Assemblies for RFB6E Series Floor Boxes

Catalog No./Item	Description/Specifications		
8CTC2BK	Surface Style Cover Assem		
8CTC2BS	Low profile cover designed to		
8CTC2GY	attach to the 8STC and 8STC		
8CTC2NK	Poke-Thru Stem Assemblies.		
8CTC2BZ	Each cover is made from die		
8CTC2AA	aluminum materials and equ		
8CTC2SB	with a durable hinge which a		
8CTC2SN	the cover to rotate open 180°		
	two (2) slide egress doors that		



yle Cover Assembly – cover designed to e 8STC and 8STCP Stem Assemblies. is made from die-cast materials and equipped ble hinge which allows o rotate open 180°, e 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

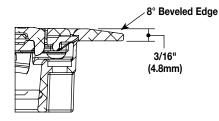


NOTE: All surface style poke-thru devices come with a transition angle to aid in the change in floor elevation.

Catalog No./Item	Description/Specifications
8CTC2BKTR	Tamper-Resistant Surface Style
8CTC2BSTR	Cover Assembly - Low profile
8CTC2GYTR	cover designed to attach to the
8CTC2NKTR	8STC and 8STCP Poke-Thru
8CTC2BZTR	Stem Assemblies. Each cover is
8CTC2AATR	made from die-cast aluminum
8CTC2SBTR	materials and equipped with a
8CTC2SNTR	tamper-resistant screw to keep out
801023NTR	unauthorized personnel, a durable
	hinge which allows the cover to
	rotate open 180°, two (2) slide
	egress doors that lock in the open
	5
	position and auto close around the cables when the covers
91/4"	
(235mm)	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 motal finishes:

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.

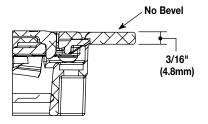


Evolution Series Series Cover Assemblies for RFB6E Series Floor Boxes

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
8CT2BK	Flush Style Cover Assembly –	8CT2BKTR	Tamper-Resistant Flush Style
8CT2BS	Low profile covers that are	8CT2BSTR	Cover Assembly – Low profile
8CT2GY	designed to attach to the 8STC	8CT2GYTR	covers that are designed to attach
8CT2NK	and 8STCP Poke-Thru Stem	8CT2NKTR	to the 8STC and 8STCP Poke-
8CT2BZ	Assemblies. Each cover is made	8CT2BZTR	Thru Stem Assemblies. Each cover
8CT2AA	from die-cast aluminum materials	8CT2AATR	is made from die-cast aluminum
8CT2SB	and equipped with a durable hinge	8CT2SBTR	materials and equipped with a
8CT2SN	which allows the cover to rotate open 180°, two (2) slide egress doors that lock in the open position and auto close around	8CT2SNTR	tamper-resistant screw to keep out unauthorized personnel, a durable hinge which allows the cover to rotate open 180°, two (2) slide
(the cables when the covers are closed. These covers are designed to sit flush with the finished floor	(egress doors that lock in the open position and auto close around the cables when the covers are

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).

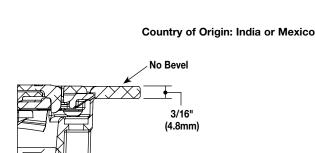
Country of Origin: India or Mexico



9 1/4"

(235mm)

NOTE: Includes 8TS Tile Shim.



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(235mm)

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NOTE: All brand and product names referenced in this document are registered trademarks or trademarks of their respective holders.

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