



Wiremold

Evolution™ Series Poke-Thru Devices

Next Generation Poke-Thru Devices for the 21st Century

Wiremold® Evolution™ Series Poke-Thru Devices are the latest addition to the largest offering of poke-thru solutions available in the industry.

Combining new models that provide larger capacity options, including a full 4-gang capacity model, Evolution™ Series Poke-Thru Devices offer a number of breakthrough features including fully recessed activations to protect services, a true flush all metal cover assembly with powder coating finish and new color options, as well as a new cover design that allows easier device access with unique spring-loaded, slide cable egress doors. All these improvements plus innovations to make installation easier and full TopGuard™ protection make the Evolution Series truly the next generation in poke-thru devices.

The interior of the Evolution™ 8AT Series Poke-Thru Device is the largest capacity available in the industry.



FEATURES & BENEFITS

- **Largest capacity poke-thru devices on the market.** The 6AT Series is designed for a 6" [152mm] core hole and provides up to two and one-half (2 1/2) gangs of power, communication, or A/V capability. The 8AT Series is designed for an 8" [203mm] core hole and provides up to four (4) gangs of power, communication, or A/V capability.
- **Recessed devices.** All power, communication, and A/V devices are recessed below floor level, providing maximum protection and device longevity.
- **Die-cast aluminum cover assemblies.** The new Evolution Series poke-thru design includes all metal die-cast aluminum cover assemblies, with two unique spring-loaded slide egress doors. No clumsy flip lids to get broken or cause an added trip hazard. These new covers are available in standard finishes of brass, gray, black, nickel and bronze, offering a wider range of aesthetic options.
- **Flush tile version cover assemblies.** A flush style cover for tile applications allows the Evolution Series Poke-Thru Devices to be adjusted to the same level as the top surface of the floor covering. The tile cover is designed to be used in higher traffic applications, where a low profile is a must.
- **Auto-close egress doors.** Egress doors lock in position when slid open and automatically close around cables, reducing the egress opening to the smallest size possible. 
- **Improved hinge design.** Provides greater durability while creating a more fluid, intuitive, opening and closing motion. 
- **Pre-pour sleeves.** Creates a removable cast-in-place core hole that allows the contractor to position poke-thru units before concrete is poured. Eliminates the cost and labor of coring the opening. Available in both 6" and 8" diameters. 
- **Added furniture feed capacity.** The 6ATCFF Series Poke-Thru Device offers the largest dual service furniture feed capacity on the market.
- **Audio/Video unit.** The 6AT Series is available in a dedicated A/V version. Prewired with one 20A duplex receptacle and designed to accept the Extron® Electronics AAP and MAAP Series device lines. The 8AT Series is also compatible with Extron AAP and MAAP devices.
- **TopGuard Protection.** All Evolution Series Poke-Thru Devices, like every Wiremold Poke-Thru Device, meet and exceed UL scrub water exclusion requirements for tile, carpet, and wood covered floors.
- **Meets ADA Accessibility Guidelines.** Wide trim flange is designed to meet the ADA Accessibility Guidelines as it pertains to ADA Standard 4.5 which addresses changes in floor and ground surface levels. The poke-thru trim flanges are beveled so the slope is no greater than 1:2 ratio.
- **Suitable for use in air handling spaces.** In accordance with Sec 300-22(C) of the National Electrical Code.
- **"Step-on-it" installation.** Quick and easy installation without the need for additional fasteners or a second installer.
- **UL Listed and UL Fire Classified to U.S. and Canadian safety standards.** UL Fire rated for up to 2-hour rated floors maintains the fire classification of the floor.

For more information or to configure your own Evolution™ Series Poke-Thru Device, visit our online configurator at:
www.legrand.us/wiremold/evolution.

Evolution 6AT Series Poke-Thru Devices Ordering Information

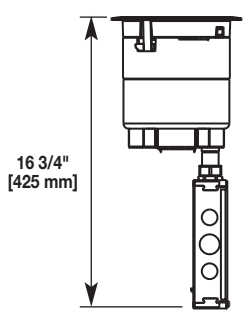
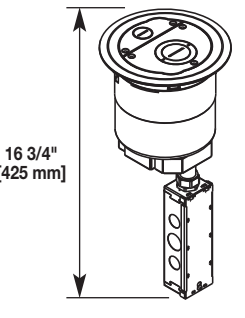
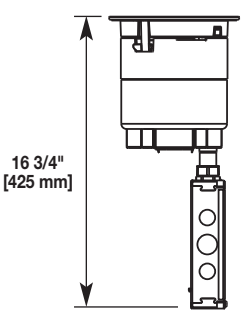
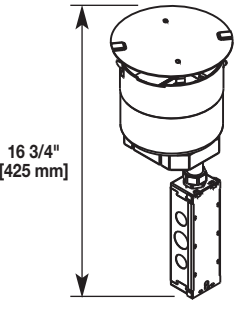
Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
6ATCPGY 6ATCPBK 6ATCPBS 6ATCPBZ 6ATCPNK	Recessed Prewired Assembly with Surface Style Cover – For carpet, tile, wood and laminate floors. For use in 6" [152mm] diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. INCLUDED For Side Compartments: • Two (2) proprietary 20AMP Duplex Receptacles installed For Center Compartment: • One (1) 6ACT8A Mounting Plate • One (1) 6TRAC Mounting Plate • One (1) 6SER Mounting Plate For Bottom Feed Compartment: • One (1) 5BLH 1/2-Gang Blank Housing* • One (1) 1PTHA 1-Gang Pass-Through Housing Assembly • One (1) 575CHA 1/2-Gang 3/4" Conduit Housing Assembly**	6ATCGY 6ATCBK 6ATCBS 6ATCBZ 6ATCNK	Recessed Assembly With Surface Style Cover – For carpet, tile, wood and laminate floors. For use in 6" [152mm] diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. INCLUDED For Side Compartments: • No Device Plates are provided. For Center Compartment: • No Device Plates are provided. For Bottom Feed Compartment: • One (1) 5PTHA 1/2-Gang Pass-Through Housing Assembly • One (1) 1PTHA 1-Gang Pass-Through Housing Assembly • One (1) 575CHA 1/2-Gang 3/4" Conduit Housing Assembly
6ATPGY 6ATPBK 6ATPBS 6ATPBZ 6ATPNK	Recessed Prewired Assembly with Flush Style Cover – For tile, wood and laminate floors. For use in 6" [152mm] diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. INCLUDED For Side Compartments: • Two (2) proprietary 20AMP Duplex Receptacles installed For Center Compartment: • One (1) 6ACT8A Mounting Plate • One (1) 6TRAC Mounting Plate • One (1) 6SER Mounting Plate For Bottom Feed Compartments: • One (1) 5BLH 1/2-Gang Blank Housing* • One (1) 1PTHA 1-Gang Pass-Through Housing Assembly • One (1) 575CHA 1/2-Gang 3/4" Conduit Housing Assembly**	6ATGY 6ATBK 6ATBS 6ATBZ 6ATNK	Recessed Assembly With Flush Style Cover– For tile, wood or laminate floors. For use in 6" [152mm] diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. INCLUDED For Side Compartments: • No Device Plates are provided. For Center Compartment: • No Device Plates are provided. For Bottom Feed Compartment: • One (1) 5PTHA 1/2-Gang Pass-Through Housing Assembly • One (1) 1PTHA 1-Gang Pass-Through Housing Assembly • One (1) 575CHA 1/2-Gang 3/4" Conduit Housing Assembly

NOTE: For more information on Device Plates and Bottom Feed Plates and on the additional options available, see the Device Plates and Bottom Feed Plates sections found later in this document.

* Tunneling extends from the 5BLH to 575CHA so that power cables from the 20A duplex receptacle mounted on the left side of the poke-thru device are run into the junction box attached to the 575CHA.

** Also includes junction box attached to the 3/4" conduit.

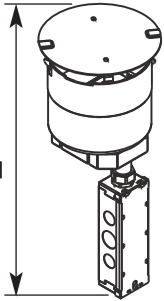
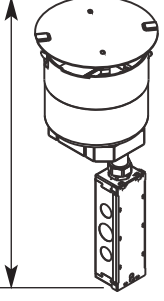
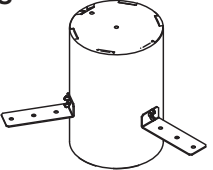
Evolution 6AT Series Poke-Thru Devices Ordering Information (continued)

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications		
6ATCPAVGY 6ATCPAVBK 6ATCPAVBS 6ATCPAVBZ 6ATCPAVNK	Recessed Prewired Audio/Video Assembly With Surface Style Cover – For carpet, tile, wood and laminate floors. For use in 6" [152mm] diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. INCLUDED For Side Compartments: • One (1) proprietary 20AMP Duplex Receptacle installed • 682A Device Plate • 68MAAP Device Plate For Center Device Compartment: • 6DEC Mounting Plate • 6AAP Mounting Plate • 6MAAP Device Plate For Bottom Feed Compartment: • One (1) 5PTHA 1/2-Gang Pass Through Housing Assembly • One (1) 1PTHA 1-Gang Pass Through Housing Assembly • One (1) 575CHA 1/2-gang 3/4" Conduit Housing Assembly**	 16 3/4" [425 mm] NOTE: UL Fire Classified for up to 2-hour rated floors. NOTE: Receptacles can be wired as a standard or isolated ground device.	6ATCFFGY 6ATCFFBK 6ATCFFBS 6ATCFFBZ 6ATCFFNK	Recessed Furniture Feed Assembly With Surface Style Cover – For carpet, tile, wood and laminate floors. For use in 6" [152mm] diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2"-1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. INCLUDED For Side Compartments: • No Device Plates are provided. For Center Compartment: • No Device Plates are provided. For Bottom Feed Compartment: • One (1) 5PTHA 1/2-Gang Pass Through Housing Assembly • One (1) 15FFHA 1 1/2-Gang Pass Through Housing Assembly • One (1) 575CHA 1/2-Gang 3/4" Conduit Housing Assembly**	 16 3/4" [425 mm] NOTE: UL Fire Classified for up to 2-hour rated floors.
6ATPAVGY 6ATPAVBK 6ATPAVBS 6ATPAVBZ 6ATPAVNBK	Recessed Prewired Audio/Video Assembly With Flush Style Cover – For tile, wood and laminate floors. For use in 6" [152mm] diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. INCLUDED For Side Compartments: • One (1) proprietary 20AMP Duplex Receptacle installed • 682A Device Plate • 68MAAP Device Plate For Center Device Compartment: • 6DEC Mounting Plate • 6AAP Mounting Plate • 6MAAP Device Plate For Bottom Feed Compartments: • One (1) 5PTHA 1/2-Gang Pass Through Housing Assembly • One (1) 1PTHA 1-Gang Pass Through Housing Assembly • One (1) 575CHA 1/2-gang 3/4" Conduit Housing Assembly**	 16 3/4" [425 mm] NOTE: UL Fire Classified for up to 2-hour rated floors. NOTE: Receptacles can be wired as a standard or isolated ground device. NOTE: Includes one (1) 6TS Tile Shim.	6STC	Recessed Assembly with Disposable Plate – Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" [83mm] below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series. INCLUDED For Side Compartments: • No Device Plates are provided. For Center Compartment: • No Device Plates are provided. For Bottom Feed Compartments: • One (1) 5PTHA 1/2-Gang Pass Through Housing Assembly • One (1) 1PTHA 1-Gang Pass Through Housing Assembly • One (1) 575CHA 1/2-gang 3/4" Conduit Housing Assembly**	 16 3/4" [425 mm] NOTE: UL Fire Classified for up to 2-hour rated floors.

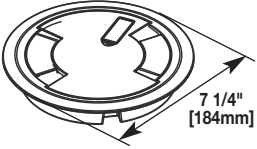
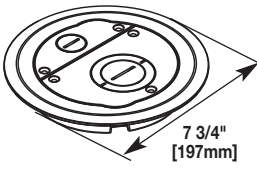
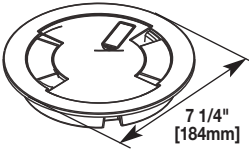
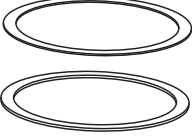
NOTE: For more information on Device Plates and Bottom Feed Plates and on the additional options available, see the Device Plates and Bottom Feed Plates sections found later in this document.

** Also includes junction box attached to the 3/4" conduit.

Evolution 6AT Series Poke-Thru Devices Ordering Information (continued)

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
6STCPAV  16 3/4" [425 mm] NOTE: UL Fire Classified for up to 2-hour rated floors. NOTE: Receptacles can be wired as a standard or isolated ground device.	Recessed Prewired Audio/Video Assembly with Disposable Plate – Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" [83mm] below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series. INCLUDED For Side Compartments: • One (1) proprietary 20AMP Duplex Receptacle installed • 682A Device Plate • 68MAAP Device Plate For Center Compartment: • 6DEC Mounting Plate • 6AAP Mounting Plate • 6MAAP Device Plate For Bottom Feed Compartments: • One (1) 5PTHA 1/2-Gang Pass Through Housing Assembly* • One (1) 1PTHA 1-Gang Pass Through Housing Assembly • One (1) 575CHA 1/2-gang 3/4" Conduit Housing Assembly**	6STCP  16 3/4" [425 mm] NOTE: UL Fire Classified for up to 2-hour rated floors. NOTE: Receptacles can be wired as a standard or isolated ground device.	Recessed Prewired Assembly with Disposable Plate – Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" [83mm] below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series. INCLUDED For Side Compartments: • Two (2) proprietary 20 AMP Duplex Receptacles installed For Center Compartment: • One (1) 6ACT8A Mounting Plate • One (1) 6TRAC Mounting Plate • One (1) 6SER Mounting Plate For Bottom Feed Compartment: • One (1) 5BLH 1/2-Gang Blank Housing* • One (1) 1PTHA 1-Gang Pass-Through Housing Assembly • One (1) 575CHA 1/2-Gang 3/4" Conduit Housing Assembly**
NOTE: For more information on Device Plates and Bottom Feed Plates and on the additional options available, see the Device Plates and Bottom Feed Plates sections found later in this document. * Tunneling extends from the 5BLH to 575CHA so that power cables from the 20A duplex receptacle mounted on the left side of the poke-thru device are run into the junction box attached to the 575CHA. ** Also includes junction box attached to the 3/4" conduit.		6PPS 	6" Pre-Pour Poke-Thru Sleeve – Nonmetallic sleeve attaches to structural decking and maintains 6"-6 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.

Evolution 6AT Series Poke-Thru Devices Cover Assemblies Ordering Information

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
6CTCGY* 6CTCBK* 6CTCBS* 6CTCBZ* 6CTCNK*  7 1/4" [184mm]	Surface Style Cover Assembly – Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	6CFFTCGY 6CFFTCBK 6CFFTCBS 6CFFTCBZ 6CFFTCNK  7 3/4" [197mm]	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 finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 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.
6CTGY* 6CTBK* 6CTBS* 6CTBZ* 6CTNK*  7 1/4" [184mm]	Flush Style Cover Assembly – Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	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: two (2) 1/8" [3.2mm] thick shims and two (2) 1/16" [1.6mm] thick shims. Up to a total of 3/8" [9.5mm] of adjustment.

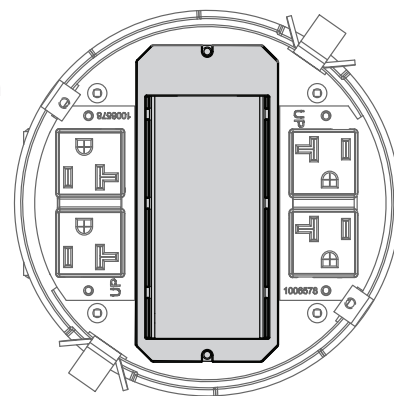
* Add suffix "TR" to the end of the part number to indicate tamper-resistant cover assembly. Tamper-resistant versions are secured with a single tamper-resistant screw.

Evolution 6AT Series Center Mount Device Plates Ordering Information

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
6AAP	Device Mounting Plate – Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	6MOSBS	Mosaic British Standard Device Plate – Device plate will accept two (2) Mosaic British standard devices [45mm x 45mm]. Devices supplied by others.
6ACT8A	Device Mounting Plate – Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	6S1	Device Mounting Plate – Receptacle opening 1 3/8" [35mm]. For 6" poke-thru units only.
6B	Device Mounting Plate – Device plate used to blank off center compartment, when no devices are used.	6S2	Device Mounting Plate – Receptacle opening 1 9/16" [40mm]. For 6" poke-thru units only.
6DEC	Device Mounting Plate – Device plate that will accept Decorator style devices such as 20A receptacles, GFCIs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others.	6SER	Device Mounting Plate – Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.
6DP	Device Mounting Plate – Device plate that will accept standard 20A duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	6TRAC	Device Mounting Plate – Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.
6MAAP	Device Mounting Plate – Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.		
6MAAP2A	Device Mounting Plate – Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.		
6MOS	Mosaic Device Plate – Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others		

6AT Center Mount Device Plate Mounting Location

Mounting plates on this page can be installed in the shaded location indicated in this illustration.



Evolution™ Series Poke-Thru Device Covers are available in (Left to Right) Gray, Black, Nickel, Bronze or Brass.



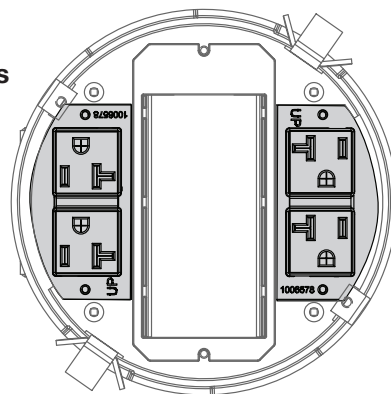
Evolution 6AT Series Side Mount Device Plates Ordering Information

Catalog No./Item	Description/Specifications
68REC	20AMP Duplex Receptacles – Two (2) proprietary 20AMP duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.
68B	Device Mounting Plate – Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.
68MAAP	Device Mounting Plate – Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.
68REC-25	20Amp Duplex Receptacles – Two (2) proprietary 20AMP duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.

Catalog No./Item	Description/Specifications
682A	Device Mounting Plate – Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.

6AT Side Mount Device Plates Mounting Locations

Device Plates in this section can be installed in the shaded locations indicated in this illustration.



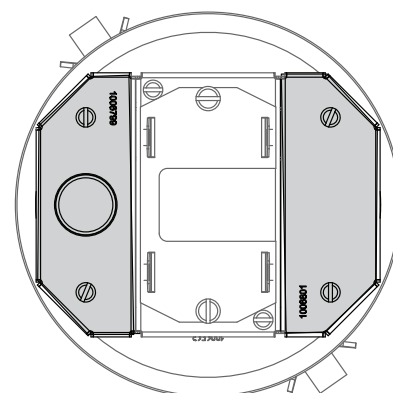
Evolution 6AT Series Bottom Feed Side Mount Device Plates Ordering Information

Catalog No./Item	Description/Specifications
5PTHA	Bottom Housing Assembly – Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.
5BLH	Bottom Housing Assembly – Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" [152mm] and 8" [203mm] poke-thru devices.
152CHA	Bottom Housing Assembly – One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments.

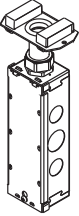
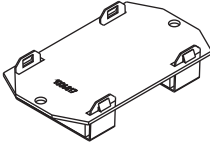
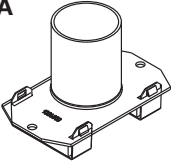
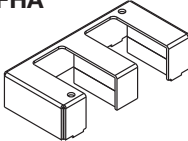
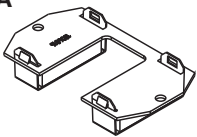
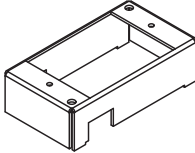
Catalog No./Item	Description/Specifications
575CHA	Bottom Housing Assembly – Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.

6AT Bottom Feed Side Mount Device Plate Mounting Locations

Device Plates in this section can be installed in the shaded locations indicated in this illustration.



Evolution 6AT Series Bottom Feed Center Mount Device Plates Ordering Information

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
175CHA 	Bottom Housing Assembly – One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. NOTE: When using on a 6ATCFF Furniture Feed unit, 1BHA (sold separately) is required.	1BLH 	Bottom Housing Assembly – One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. NOTE: When using on a 6ATCFF Furniture Feed unit, 1BHA (sold separately) is required.
1125CHA 	Bottom Housing Assembly – One-gang 1 1/4" trade size conduit housing assembly. NOTE: When using on a 6ATCFF Furniture Feed unit, 1BHA (sold separately) is required.	15FFHA 	Bottom Housing Assembly – One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.
1PTHA 	Bottom Housing Assembly – One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. NOTE: When using on a 6ATCFF Furniture Feed unit, 1BHA (sold separately) is required.	1BHA 	BOTTOM HOUSING ASSEMBLY – One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.

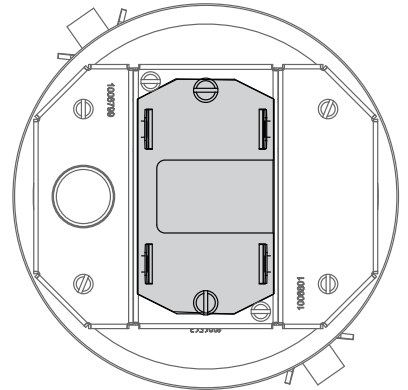


Internal wiring configurations of the Evolution™ Series 6AT and 8AT Poke-Thru Devices provide more capacity than any poke-thru devices on the market.

Evolution Series 6AT Poke-Thru Device

6AT Bottom Feed Center Mount Device Plate Location

All bottom housing assemblies on this page can be installed in the shaded locations indicated in these illustrations.



CAUTION: Receptacle supplied with this Poke-Thru is not suitable for direct field wiring. Contact manufacturer for replacement. Field modifications will void UL Listing and Classification. Replacement receptacle is limited to this manufacturers' Catalog No 68REC.

Copper Cross Sectional Area of Commonly Used Conductors

Size	Solid
#24	0.00032 sq. in. [0.20645mm²]
#22	0.00050 sq. in. [0.32258mm²]
#14	0.00323 sq. in. [2.08386mm²]
#12	0.00512 sq. in. [3.30321mm²]
#10	0.00815 sq. in. [5.25805mm²]
#8	0.01296 sq. in. [8.36127mm²]

NOTE: Use above values for solid or stranded conductors.

NOTE: When using conductor sizes other than listed above, the aggregate cross-sectional area of the copper conductors shall not exceed the cross-sectional areas listed.

6ATCFF COPPER CROSS-SECTION – FURNITURE FEED POKE-THRU DEVICES

	POWER CHANNEL	DATA CHANNEL (CENTER)	DATA CHANNEL (OUTSIDE)
Max Copper X-Section	0.815 sq. in. [52.6mm²]	0.0686 sq. in. [44.3mm²]	0.0187 [12.1mm²]
Max # Conductors	(10) 10 AWG	(22) Cat 6a	(6) Cat 6a

6AT COPPER CROSS-SECTION

	OUTER CHANNELS	CENTER CHANNEL
Max Copper X-Section	0.0154 sq. in. [9.9mm²]	0.0387 sq. in. [24.97mm²]
Max # Conductors	(3) 12 AWG	(12) 14 AWG

6AT CORE HOLE SIZES

FLOOR TYPE	CORE SIZE (Min.)	CORE SIZE (Max.)
Covered Floors (Carpet, Tile or Wood)	6" [152mm]	6 1/8" [156mm]
Bare Concrete or Terrazzo	6 1/16" [154mm]	6 1/8" [156mm]

Evolution 8AT Series Poke-Thru Devices Ordering Information

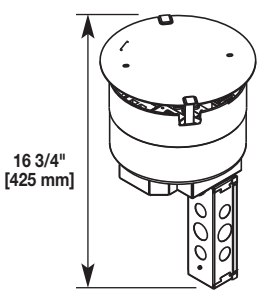
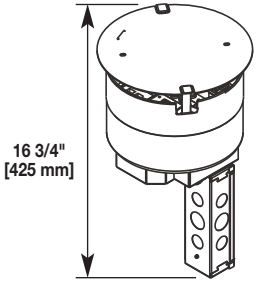
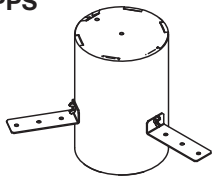
Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
8ATCPGY 8ATCPBK 8ATCPBS 8ATCPBZ 8ATCPNK	Recessed Prewired Assembly With Surface Style Cover – For carpet, tile, wood and laminate floors. For use in 8" [203mm] diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. INCLUDED For Side Compartments: • Two (2) proprietary 20AMP Duplex Receptacles installed For Center Compartments: • No Device Plates are provided For Bottom Feed Compartments: • One (1) 5BLH 1/2-Gang Blank Housing* • Three (3) 1PTHA 1-Gang Pass-Through Housing Assembly • One (1) 575CHA 1/2-Gang 3/4" Conduit Housing Assembly** • One (1) 8DIV 8" Divider	8ATCGY 8ATCBK 8ATCBS 8ATCBZ 8ATCNK	Recessed Assembly With Surface Style Cover – For carpet, tile, wood and laminate floors. For use in 8" [203mm] diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. INCLUDED For Side Compartments: • No Device Plates are provided For Center Compartments: • No Device Plates are provided For Bottom Feed Compartments: • One (1) 5PTHA 1/2-Gang Pass Through Housing Assembly • Three (3) 1PTHA 1-Gang Pass-Through Housing Assembly • One (1) 575CHA 1/2-gang 3/4" Conduit Housing Assembly** • One (1) 8DIV 8" Divider
8ATPGY 8ATPBK 8ATPBS 8ATPBZ 8ATPNK	Recessed Prewired Assembly With Flush Style Cover – For tile, wood and laminate floors. For use in 8" [203mm] diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. INCLUDED For Side Compartments: • Two (2) proprietary 20AMP Duplex Receptacles installed For Center Compartments: • No Device Plates are provided For Bottom Feed Compartments: • One (1) 5BLH 1/2-Gang Blank Housing* • Three (3) 1PTHA 1-Gang Pass-Through Housing Assembly • One (1) 575CHA 1/2-Gang 3/4" Conduit Housing Assembly** • One (1) 8DIV 8" Divider	8ATGY 8ATBK 8ATBS 8ATBZ 8ATNK	Recessed Assembly With Flush Style Cover – For tile, wood and laminate floors. For use in 8" [203mm] diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. INCLUDED For Side Compartments: • No Device Plates are provided For Center Compartments: • No Device Plates are provided For Bottom Feed Compartments: • One (1) 5PTHA 1/2-Gang Pass Through Housing Assembly* • Three (3) 1PTHA 1-Gang Pass-Through Housing Assembly • One (1) 575CHA 1/2-gang 3/4" Conduit Housing Assembly** • One (1) 8DIV 8" Divider

NOTE: For more information on Device Plates and Bottom Feed Plates and on the additional options available, see the Device Plates and Bottom Feed Plates sections found later in this document.

* Tunneling extends from the 5BLH to 575CHA so that power cables from the 20A duplex receptacle mounted on the left side of the poke-thru device are run into the junction box attached to the 575CHA.

** Also includes junction box attached to the 3/4" conduit.

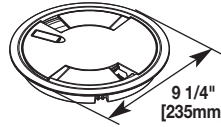
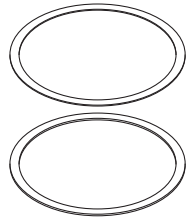
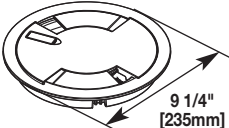
Evolution 8AT Series Poke-Thru Devices Ordering Information (continued)

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
8STC  16 3/4" [425 mm] NOTE: UL Fire Classified for up to 2-hour rated floors.	Recessed Assembly with Disposable Plate – Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" [83mm] below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series. INCLUDED For Side Compartments: • No Device Plates are provided For Center Compartments: • No Device Plates are provided For Bottom Feed Compartments: • One (1) 5PTHA 1/2-Gang Pass Through Housing Assembly* • Three (3) 1PTHA 1-Gang Pass-Through Housing Assembly • One (1) 575CHA 1/2-gang 3/4" Conduit Housing Assembly** • One (1) 8DIV 8" Divider	8STCP  16 3/4" [425 mm] NOTE: UL Fire Classified for up to 2-hour rated floors. NOTE: Receptacles can be wired as a standard or isolated ground device.	Recessed Prewired Assembly with Disposable Plate – Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" [83mm] below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series. INCLUDED For Side Compartments: • Two (2) proprietary 20 AMP Duplex Receptacles installed • No Device Plates are provided For Center Compartments: • No Device Plates are provided For Bottom Feed Compartments: • One (1) 5BLH 1/2-Gang Blank Housing* • Three (3) 1PTHA 1-Gang Pass-Through Housing Assembly • One (1) 575CHA 1/2-gang 3/4" Conduit Housing Assembly** • One (1) 8DIV 8" Divider
8PPS 	8" Pre-Pour Poke-Thru Sleeve – Nonmetallic sleeve attaches to structural decking and maintains 8"-8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	NOTE: For more information on Device Plates and Bottom Feed Plates and on the additional options available, see the Device Plates and Bottom Feed Plates sections found later in this document.	

* Tunneling extends from the 5BLH to 575CHA so that power cables from the 20A duplex receptacle mounted on the left side of the poke-thru device are run into the junction box attached to the 575CHA.

** Also includes junction box attached to the 3/4" conduit.

Evolution 8AT Series Poke-Thru Devices Cover Assemblies Ordering Information

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
8CTCGY* 8CTCBK* 8CTCBS* 8CTCBZ* 8CTCNK*  9 1/4" [235mm]	Surface Style Cover Assembly – Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.	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] thick shims and two (2) 1/16" [1.6mm] thick shims. Up to a total of 3/8" [9.5mm] of adjustment.
8CTGY* 8CTBK* 8CTBS* 8CTBZ* 8CTNK*  9 1/4" [235mm]	Flush Style Cover Assembly – Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.	 Cover Assemblies for the Evolution™ Series 6AT and 8AT Poke-Thru Devices are available in a variety of finishes and service configurations for carpet or tile floor installations.	

* Add suffix "TR" to the end of the part number to indicate tamper-resistant cover assembly. Tamper-resistant versions are secured with a single tamper-resistant screw.

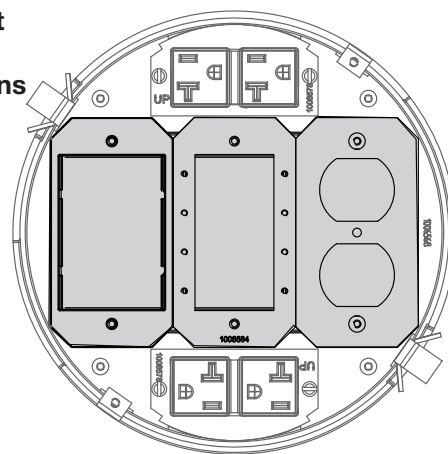
Evolution 8AT Series Center Mount Device Plates Ordering Information

Catalog No./Item	Description/Specifications
8B	Device Mounting Plate – Single-gang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.
8DP	Device Mounting Plate – Single-gang device plate that accepts standard 20A duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.
8DEC	Device Mounting Plate – Single-gang device plate that will accept Decorator style devices such as 20A receptacles, GGCIs, 106 adapters or A/V devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.
8ACT6A	Device Mounting Plate – Single-gang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.
8MOS	Mosaic Device Plate – Device plate accepts three (3) standard Mosaic devices [45mm x 22.5mm]. Devices supplied by others.
8CREST	Crestron Double Gang Plate – Device plate accepts Crestron double-gang decorator style devices.
8S1	Device Plate – Receptacle opening 1 3/8" [35mm]. For 8" poke-thru units only.
8S2	Device Plate – Receptacle opening 1 9/16" [40mm]. For 8" poke-thru units only.

Catalog No./Item	Description/Specifications
8TRAC	Device Mounting Plate – Single-gang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.
8SER	Device Mounting Plate – Single-gang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.
8MAAP	Device Mounting Plate – Single-gang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.
8AAP	Device Mounting Plate – Two-gang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.

8AT Center Mount Device Plate Mounting Locations

Mounting plates on this page can be installed in the shaded location indicated in this illustration.



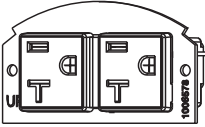
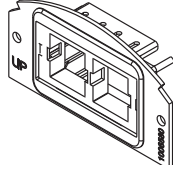
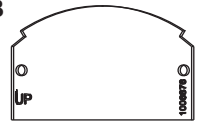
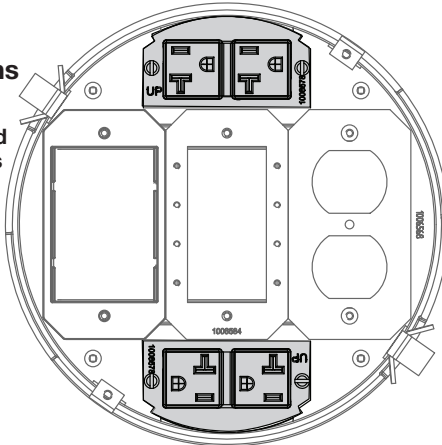
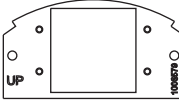
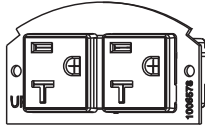
Evolution™ Series Poke-thru Devices are UL Fire Classified for up to two-hours to maintain the fire rating of the floor.



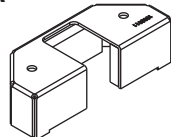
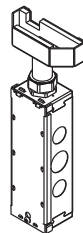
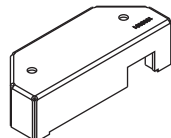
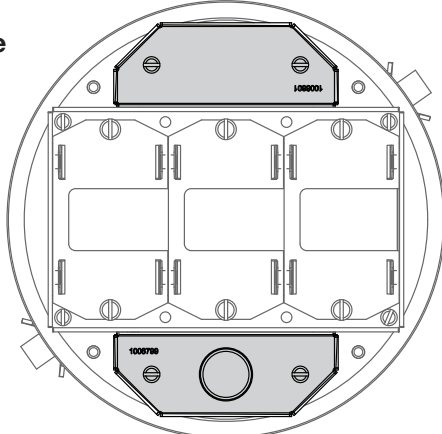
Evolution™ Series 8CTC Cover Assembly – Easy cable egress with the use of the unique slide egress doors.



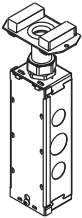
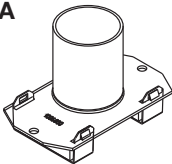
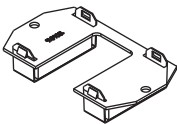
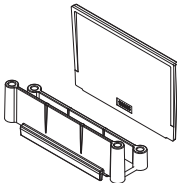
Evolution 8AT Series Side Mount Device Plates Ordering Information

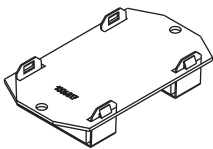
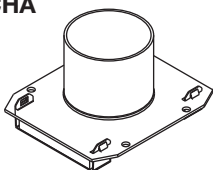
Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
68REC	20 AMP Duplex Receptacle – Two proprietary 20AMP duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device. 	682A	Device Mounting Plate – Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others. 
68B	Device Mounting Plate – Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used. 	8AT Side Mount Device Plates Mounting Locations Device Plates in this section can be installed in the shaded locations indicated in this illustration. 	
68MAAP	Device Mounting Plate – Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others. 		
68REC-25	20Amp Duplex Receptacles – Two (2) proprietary 20AMP duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacles can be wired as standard or isolated ground devices. 		

Evolution 8AT Series Bottom Feed Side Mount Device Plates Ordering Information

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
5PTHA	Bottom Housing Assembly – Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only. 	575CHA	Bottom Housing Assembly – Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only. 
5BLH	Bottom Housing Assembly – Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" [152mm] and 8" [203mm] poke-thru devices. 	8AT Bottom Feed Side Mount Device Plate Mounting Locations Device Plates in this section can be installed in the shaded locations indicated in this illustration. 	

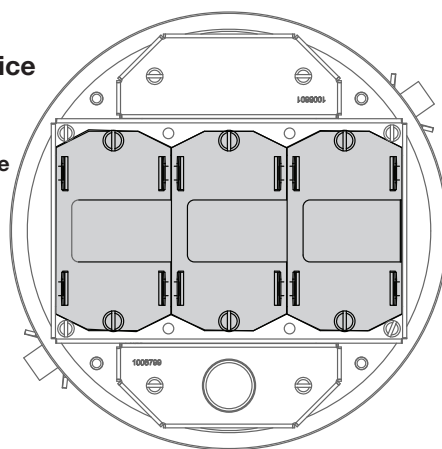
Evolution 8AT Series Bottom Feed Center Mount Device Plates Ordering Information

Catalog No./Item	Description/Specifications
175CHA 	Bottom Housing Assembly – One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on any one (1) of the three (3) gangs in the center compartment.
1125CHA 	Bottom Housing Assembly – One-gang 1 1/4" trade size conduit housing assembly. For use on any one (1) of the three (3) gangs in the center compartment.
1PTHA 	Bottom Housing Assembly – One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on any one (1) of the three (3) gangs in the center.
8DIV 	8" [203mm] Divider – Divider allows for separation of services when required.

Catalog No./Item	Description/Specifications
1BLH 	Bottom Housing Assembly – One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on any one (1) of the three (3) gangs in the center compartment.
22CHA 	Bottom Housing Assembly – Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.

8AT Bottom Feed Center Mount Device Plate Locations

All bottom housing assemblies on this page can be installed in the shaded locations indicated in these illustrations.



8AT COPPER CROSS-SECTION

	OUTER CHANNELS	CENTER CHANNEL
Max Copper X-Section	0.0154 sq. in. [9.9mm ²]	0.0775 sq. in. [16.60mm ²]
Max # Conductors	(3) 12 AWG	(24) 14 AWG

NOTE: When using conductor sizes other than listed above, the aggregate cross-sectional area of the copper conductors shall not exceed the cross-sectional areas listed.

8AT CORE HOLE SIZES

FLOOR TYPE	CORE SIZE (Min.)	CORE SIZE (Max.)
Covered Floors (Carpet, Tile or Wood)	8" [203mm]	8 1/8" [206mm]
Bare Concrete or Terrazzo	8 1/16" [205mm]	8 1/8" [266mm]

CAUTION: Receptacle supplied with this Poke-Thru is not suitable for direct field wiring. Contact manufacturer for replacement. Field modifications will void UL Listing and Classification. Replacement receptacle is limited to this manufacturers' Catalog No 68REC.

Copper Cross Sectional Area of Commonly Used Conductors		
Size	Solid	
#24	0.00032 sq. in.	[0.20645mm ²]
#22	0.00050 sq. in.	[0.32258mm ²]
#14	0.00323 sq. in.	[2.08386mm ²]
#12	0.00512 sq. in.	[3.30321mm ²]
#10	0.00815 sq. in.	[5.25805mm ²]
#8	0.01296 sq. in.	[8.36127mm ²]

NOTE: Use above values for solid or stranded conductors.

For more information or to configure your own Evolution™ Series Poke-Thru Device, visit our online configurator at:
www.legrand.us/wiremold/evolution.



Wiremold

WIREMOLD

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