legrand®

Wiremold

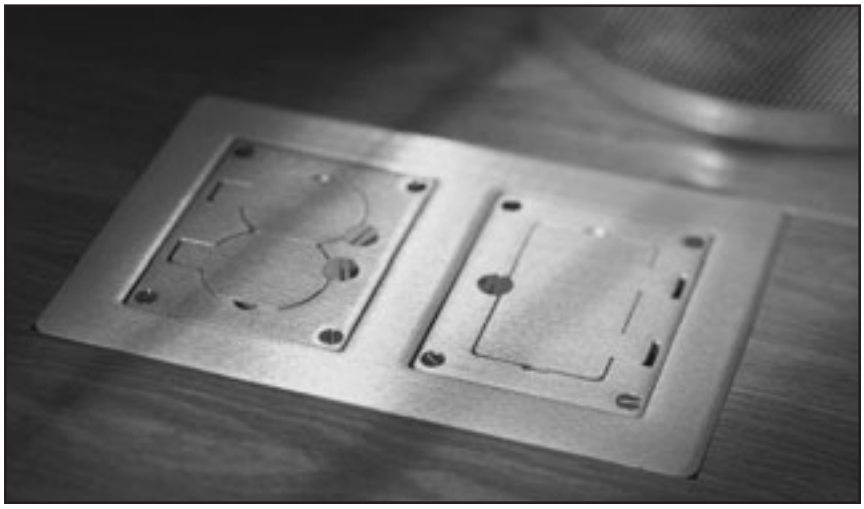
OmniBox™
Series Floor Boxes

Fully Adjustable, Multiple Service, Floor Boxes

A/V CONNECTIVITY FIBER OPTIC CAT5

Wiremold® OmniBox™ Series Floor Boxes provides an excellent activation solution when multiple services are required in open space areas. OmniBox™ Series Floor Boxes offer one-, two-, and three-gang multiservice boxes that are fully adjustable before and after the concrete pour.

Available in both stamped steel and cast iron fabrications, they meet a wide range of workstation requirements for today's and tomorrow's service needs. These floor boxes have many applications, some of which include schools, financial institutions, and commercial office buildings.



Two-gang OmniBox Series Floor Box Installation with an aesthetically pleasing flush activation cover.

FEATURES & BENEFITS

- **Fully adjustable box.** Fully adjustable both before and after concrete pour. Reduces installation costs.
- **Two Fabrications: Stamped Steel –** Lower cost concrete-tight construction option for above grade applications. **Cast-Iron –** Watertight construction for on or below grade applications.
- **Available in two depths.** Economical alternatives when pour depths are limited.
- **Flush activation assemblies for carpet and tile.** Aesthetically pleasing assemblies are interchangeable in both cast-iron and stamped steel box models.
- **Available in one-, two-, and three-gang configurations.** Removable dividers increase capacity. More configurations to support multiservice applications.
- **Triple service boxes.** Accommodates power, communication and/or audio/video devices which reduces the need for multiple boxes. NEW!
- **New brushed aluminum covers for power applications.** 830CK Series Aluminum Covers redesigned to accept threaded conduit when passing through power cables.
- **New brass and brushed aluminum covers accept single locking power receptacles.** New 828DLR Series provides single flip lid cover.
- **New 828COMTC Series Cover Kit in brass and brushed aluminum.** Allows communication devices to be recessed into 880S and 880CS Series Floor Boxes.
- **New partition support kit for 3-gang tile flanges.** The 838TAL-880 Series Flanges provide partition supports in tile applications for added strength and durability.
- **TopGuard protection.** All cover assemblies for the OmniBox Floor Box Series have TopGuard protection. An integral design which keeps out water, dirt, and debris from the power and communication compartments.
- **Boxes and covers have been listed by Underwriters Laboratories Inc. to their standard UL514A, 514C, 514D, and Canadian standard C22.2**
- **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 available for use with Ortronics® TracJack® and Series II devices.

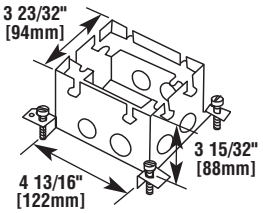
TOP GUARD™ *Protection from water, dirt, and debris.*

Single-gang stamped steel and triple-gang cast iron models of OmniBox Series Floor Boxes.

OmniBox Series Stamped Steel Floor Boxes Ordering Information

Catalog No./Item	Description/Specifications

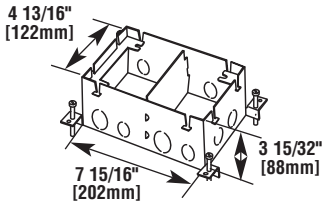
880S1



One-Gang Stamped Steel Floor Box – Fully Adjustable.

TECHNICAL SPECIFICATIONS			
Conduit Openings	**Cubic Inch Capacity**	**Adjustment Before Pour**	**Adjustment After Pour**
(3) 1/2" [12.7mm], (5) 3/4" [19.1mm] (2) 1" [25mm]	53	1 3/4" [44mm]	1/2" [12.7mm]

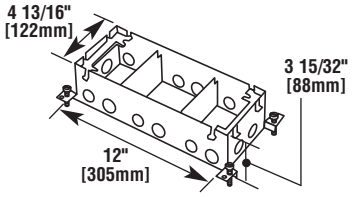
880S2



Two-Gang Stamped Steel Floor Box – Fully Adjustable.

TECHNICAL SPECIFICATIONS			
Conduit Openings	**Cubic Inch Capacity**	**Adjustment Before Pour**	**Adjustment After Pour**
(4) 1/2" [12.7mm], (8) 3/4" [19.1mm] (4) 1" [25mm]	117 (58/59)	1 3/4" [44mm]	1/2" [12.7mm]

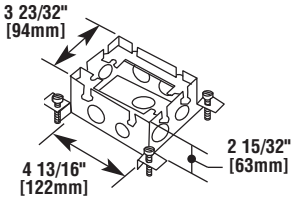
880S3



Three-Gang Stamped Steel Floor Box – Fully Adjustable.

TECHNICAL SPECIFICATIONS			
Conduit Openings	**Cubic Inch Capacity**	**Adjustment Before Pour**	**Adjustment After Pour**
(5) 1/2" [12.7mm], (11) 3/4" [19.1mm] (6) 1" [25mm]	180 (56/68/56)	1 3/4" [44mm]	1/2" [12.7mm]

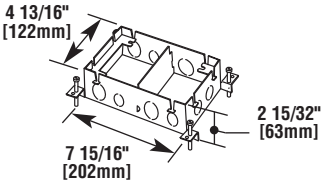
880M1



One-Gang Shallow Stamped Steel Floor Box – Fully Adjustable.

TECHNICAL SPECIFICATIONS			
Conduit Openings	**Cubic Inch Capacity**	**Adjustment Before Pour**	**Adjustment After Pour**
(5) 1/2" [12.7mm], (5) 3/4" [19.1mm]	37	1 3/4" [44mm]	1/2" [12.7mm]

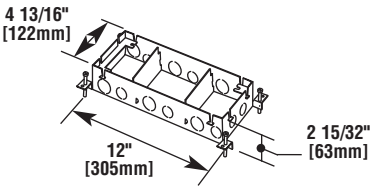
880M2



Two-Gang Shallow Stamped Steel Floor Box – Fully Adjustable.

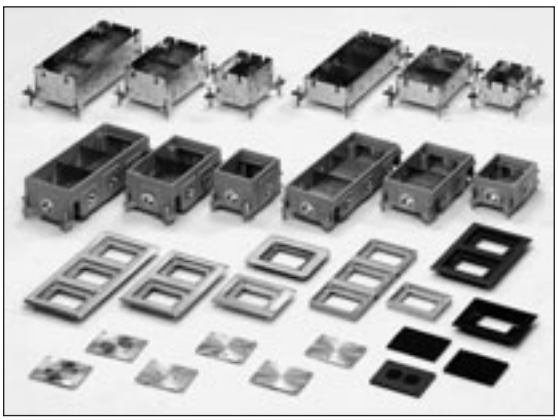
TECHNICAL SPECIFICATIONS			
Conduit Openings	**Cubic Inch Capacity**	**Adjustment Before Pour**	**Adjustment After Pour**
(8) 1/2" [12.7mm], (8) 3/4" [19.1mm]	80 40/40	1 3/4" [44mm]	1/2" [12.7mm]

880M3



Three-Gang Shallow Stamped Steel Floor Box – Fully Adjustable.

TECHNICAL SPECIFICATIONS			
Conduit Openings	**Cubic Inch Capacity**	**Adjustment Before Pour**	**Adjustment After Pour**
(11) 1/2" [12.7mm], (11) 3/4" [19.1mm]	126 39/48/39	1 3/4" [44mm]	1/2" [12.7mm]

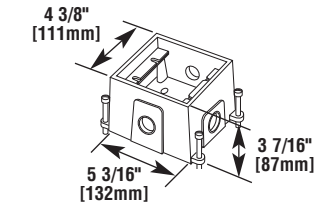


OmniBox Series Floor Boxes are available in a full range of box sizes, depths, and capacities with activation covers that enhance any decor and provide a full range of connectivity options.

OmniBox Series Cast Iron Floor Boxes Ordering Information

Catalog No./Item	Description/Specifications

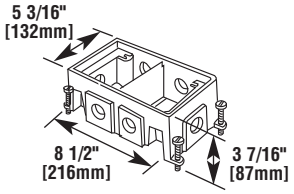
880CS1-1



One-Gang Cast Iron Floor Box – Fully Adjustable.

TECHNICAL SPECIFICATIONS			
Conduit Openings	Cubic Inch Capacity	Adjustment Before Pour	Adjustment After Pour
(4) 1" [25mm]	48	1 3/4" [44mm]	1/2" [12.7mm]

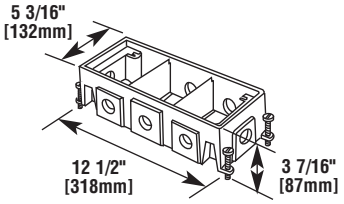
880CS2-1



Two-Gang Cast Iron Floor Box – Fully Adjustable.

TECHNICAL SPECIFICATIONS			
Conduit Openings	Cubic Inch Capacity	Adjustment Before Pour	Adjustment After Pour
(6) 1" [25mm]	94 (45/49)	1 3/4" [44mm]	1/2" [12.7mm]

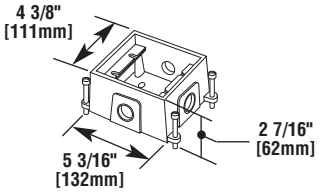
880CS3-1



Three-Gang Cast Iron Floor Box – Fully Adjustable.

TECHNICAL SPECIFICATIONS			
Conduit Openings	Cubic Inch Capacity	Adjustment Before Pour	Adjustment After Pour
(8) 1" [25mm]	160 (53/54/53)	1 3/4" [44mm]	1/2" [12.7mm]

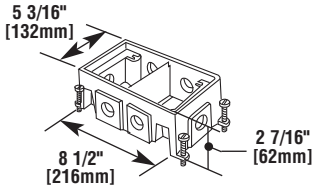
880CM1-1



One-Gang Shallow Cast Iron Floor Box – Fully Adjustable.

TECHNICAL SPECIFICATIONS			
Conduit Openings	Cubic Inch Capacity	Adjustment Before Pour	Adjustment After Pour
(4) 1" [25mm],	34	1 3/4" [44mm]	1/2" [12.7mm]

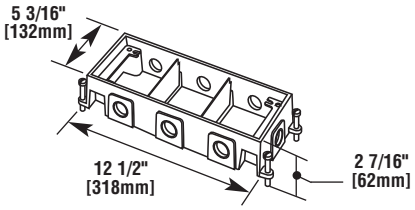
880CM2-1



Two-Gang Shallow Cast Iron Floor Box – Fully Adjustable.

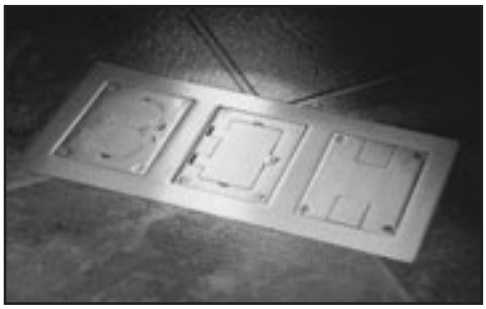
TECHNICAL SPECIFICATIONS			
Conduit Openings	Cubic Inch Capacity	Adjustment Before Pour	Adjustment After Pour
(6) 1" [25mm],	76 36/40	1 3/4" [44mm]	1/2" [12.7mm]

880CM3-1



Three-Gang Shallow Cast Iron Floor Box – Fully Adjustable.

TECHNICAL SPECIFICATIONS			
Conduit Openings	Cubic Inch Capacity	Adjustment Before Pour	Adjustment After Pour
(8) 1" [25mm],	118 39/40/39	1 3/4" [44mm]	1/2" [12.7mm]

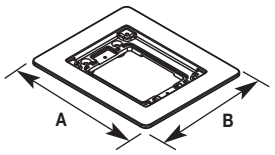


Cover Plates for OmniBox Series Floor Boxes provide access to a wide range of connectivity and are available in both metal and nonmetallic fabrications.

OmniBox Series Floor Boxes Cover Plate Flanges Ordering Information

Catalog No./Item	Description/Specifications

817B
818TCAL

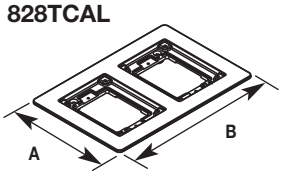


One-Gang Brass or Brushed Aluminum Combination Carpet and Tile Flange – Accepts Ortronics® MAB6TJ TracJack and MAB3S2 Series II adapters, Pass & Seymour® Activate CM-MAB adapters, and Wiremold CM Series inserts, sold separately.

FLANGE	A Inches	A [mm]	B Inches	B [mm]
817B	6.080	[154.4]	5.060	[128.5]
818TCAL	5.940	[150.9]	4.920	[125.0]

NOTE: Brushed aluminum flanges come with beveled edges.

827B
828TCAL

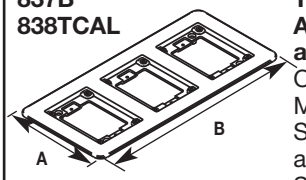


Two-Gang Brass or Brushed Aluminum Combination Carpet and Tile Flange – Accepts Ortronics® MAB6TJ TracJack and MAB3S2 Series II adapters, Pass & Seymour® Activate CM-MAB adapters, and Wiremold CM Series inserts, sold separately.

FLANGE	A Inches	A [mm]	B Inches	B [mm]
827B	6.080	[154.4]	9.185	[233.3]
828TCAL	5.940	[150.9]	9.045	[229.7]

NOTE: Brushed aluminum flanges come with beveled edges.

837B
838TCAL

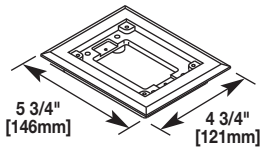


Three-Gang Brass or Brushed Aluminum Combination Carpet and Tile Flange – Accepts Ortronics® MAB6TJ TracJack and MAB3S2 Series II adapters, Pass & Seymour® Activate CM-MAB adapters, and Wiremold CM Series inserts, sold separately.

FLANGE	A Inches	A [mm]	B Inches	B [mm]
837B	6.080	[154.4]	13.310	[338.1]
838TCAL	5.940	[150.9]	13.170	[334.5]

NOTE: Brushed aluminum flanges come with beveled edges.

817C

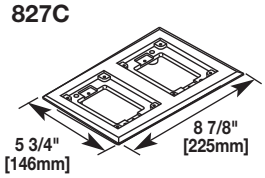


One-Gang Brass Carpet Flange – For use on 880S1, 880M1, 880CS1-1, and 880CM1-1 Floor Boxes.

NOTE: Not available in Brushed Aluminum finish.

Catalog No./Item	Description/Specifications

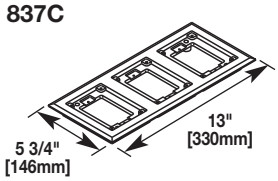
827C



Two-Gang Brass Carpet Flange – For use on 880S2, 880M2, 880CS2-1, and 880CM2-1 Floor Boxes.

NOTE: Not available in Brushed Aluminum finish.

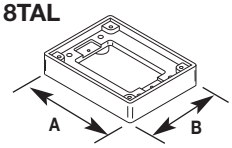
837C



Three-Gang Brass Carpet Flange – For use on 880S3, 880M3, 880CS32-1, and 880CM3-1 Floor Boxes.

NOTE: Not available in Brushed Aluminum finish.

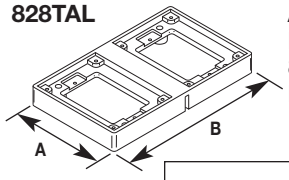
817T
818TAL



One-Gang Brass or Brushed Aluminum Tile Flange – For use on 880S1, 880M1, 880CS1-1, and 880M1-1 Floor Boxes.

FLANGE	A Inches	A [mm]	B Inches	B [mm]
817T	4.524	[107.0]	3.48	[88.4]
818TAL	4.550	[115.6]	3.530	[89.7]

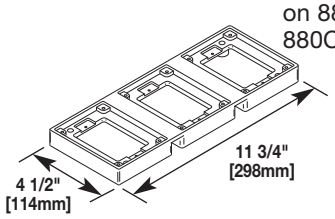
827T
828TAL



Two-Gang Brass or Brushed Aluminum Tile Flange – For use on 880S2, 880M2, 880CS2-1, and 880CM2-1 Floor Boxes.

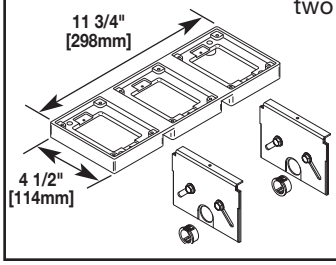
FLANGE	A Inches	A [mm]	B Inches	B [mm]
827T	4.524	[114.9]	7.624	[193.7]
828TAL	4.550	[115.6]	7.655	[118.2]

837T



Three-Gang Brass or Brushed Aluminum Tile Flange – For use on 880S3, 880M3, 880CS3-1, and 880CM3-1 Floor Boxes.

838TAL-880S3
838TAL-880M3
838TAL-880CS3
838TAL-880CM3



Kit – The 838TAL-880 Series flanges provide additional load support for 3-gang tile flanges. Kit includes 838TAL Flange and two support dividers.

NOTE: Order kit for specific box type: 880S3, 880M3, 880CS3, or 880CM3.

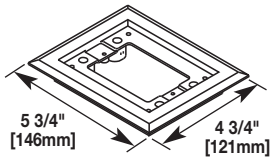
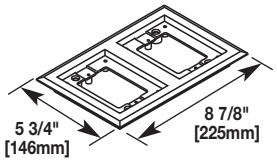
NOTE: UL Listed for tile, terrazzo, and carpet floors.

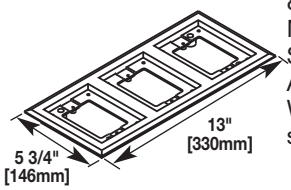
Brass covers and flanges are not interchangeable with aluminum or nonmetallic covers and flanges. Nonmetallic covers are interchangeable with aluminum flanges.

All cover assemblies for the OmniBox Floor Box Series have TopGuard protection.

TOP GUARD™

OmniBox Series Floor Boxes Cover Plate Flanges Ordering Information (Continued)

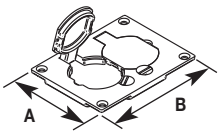
Catalog No./Item	Description/Specifications
817PCC-BLK **817PCC-BRN** 	**One-Gang Nonmetallic Carpet Flange** – Available in black or brown. For Ortronics connectivity use with 829PFLRT Cover. For Activate connectivity use with 829PFL Cover. Accepts Ortronics® MAB6TJ TracJack and MAB3S2 Series II adapters, Pass & Seymour® Activate CM-MAB adapters, and Wiremold CM Series inserts, sold separately.
827PCC-BLK **827PCC-BRN** 	**Two-Gang Nonmetallic Carpet Flange** – Available in black or brown. For Ortronics connectivity use with 829PFLRT Cover. For Activate connectivity use with 829PFL Cover. Accepts Ortronics® MAB6TJ TracJack and MAB3S2 Series II adapters, Pass & Seymour® Activate CM-MAB adapters, and Wiremold CM Series inserts, sold separately.

Catalog No./Item	Description/Specifications
837PCC-BLK **837PCC-BRN** 	**Three-Gang Nonmetallic Flange** – Available in black or brown. For Ortronics connectivity use with 829PFLRT Cover. For Activate connectivity use with 829PFL Cover. Accepts Ortronics® MAB6TJ TracJack and MAB3S2 Series II adapters, Pass & Seymour® Activate CM-MAB adapters, and Wiremold CM Series inserts, sold separately.

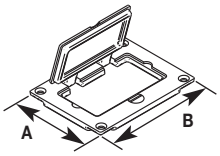
NOTE: UL Listed for tile, terrazzo, and carpet floors.

Brass covers and flanges are not interchangeable with aluminum or nonmetallic covers and flanges. Nonmetallic covers are interchangeable with aluminum flanges.

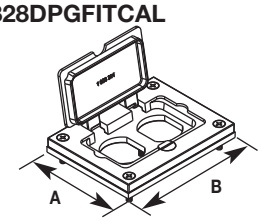
OmniBox Series Floor Boxes Metal Cover Plates Ordering Information

Catalog No./Item	Description/Specifications
828R **828R-TCAL** 	**Brass or Brushed Aluminum Duplex Cover Plate** – Flip lids. Can also be used with a 106 type communication adapter.

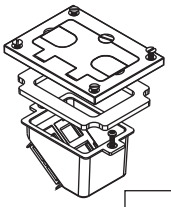
COVER	A Inches	A [mm]	B Inches	B [mm]
828R	3.156	[80.2]	4.182	[106.2]
828R-TCAL	3.290	[83.6]	4.310	[109.5]

Catalog No./Item	Description/Specifications
828GFITC **828GFITCAL** 	**Brass or Brushed Aluminum GFI Cover Plate** – May be used with Activate and Ortronics Connectivity Systems in conjunction with 817B, 827B, and 837B Flanges.

COVER	A Inches	A [mm]	B Inches	B [mm]
828GFITC	3.156	[80.2]	4.182	[106.2]
828GFITCAL	3.290	[83.6]	4.310	[109.5]

Catalog No./Item	Description/Specifications
828DPGFITC **828DPGFITCAL** 	**Brass or Brushed Aluminum Rectangular Cover Plate** – Allows for mounting of a duplex style receptacle with a rectangular style flip lid cover.

COVER	A Inches	A [mm]	B Inches	B [mm]
828DPGFITC	3.156	[80.2]	4.182	[106.2]
828DPGFITCAL	3.290	[83.6]	4.310	[109.5]

Catalog No./Item	Description/Specifications
828COMTC **828COMTCAL** 	**Brass or Brushed Aluminum Communication Cover Plate** – Allows for up to four communication devices to be mounted in a recessed position within the 880 Floor Box. The 828COM Cover Plate has removable slides for cable egress.

COVER	A Inches	A [mm]	B Inches	B [mm]
828COMTC	3.156	[80.2]	4.182	[106.2]
828COMTCAL	3.290	[83.6]	4.310	[109.5]

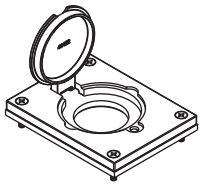
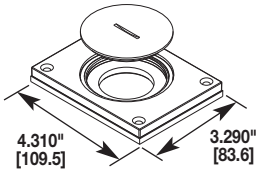
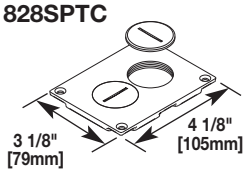
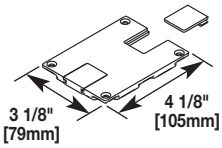
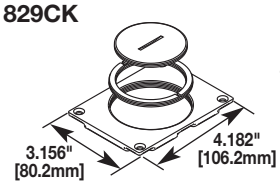
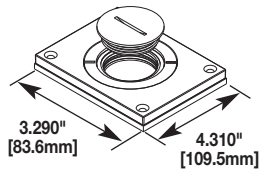
NOTE: For use with 880S and 880CS Series Boxes only.

NOTE: **Brass covers and flanges are not interchangeable with aluminum or nonmetallic covers and flanges. Nonmetallic covers are interchangeable with aluminum flanges.**

All cover assemblies for the OmniBox Floor Box Series have TopGuard protection.

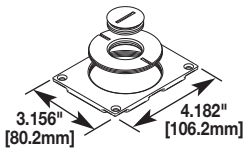
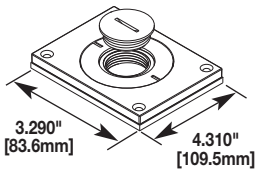
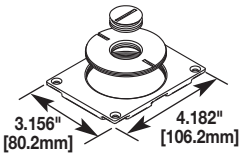
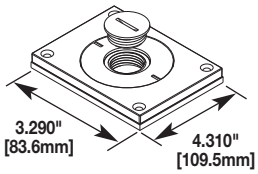
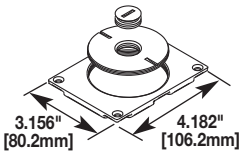
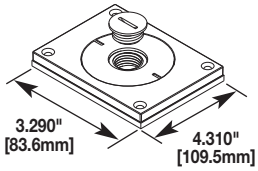
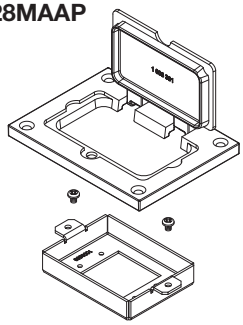
TOP GUARD™

OmniBox Series Floor Boxes Metal Cover Plates Ordering Information (Continued)

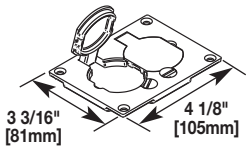
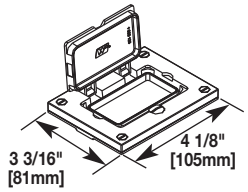
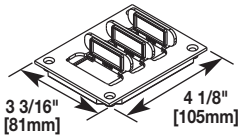
Catalog No./Item	Description/Specifications
828DLR **828DLRAL** 	**Brass or Brushed Aluminum Single Locking Receptacle Cover Plate** – Single flip lid cover for 20A or 30A single locking receptacles. Device opening is 2 5/8" [67mm]. For use with maximum female locking device of 1.58" diameter, and maximum male plug face of 2.25" diameter
830CKTCLAL 	**Brushed Aluminum Single Locking Receptacle Cover Plate** – Single screw plug cover for 20A or 30A single locking receptacles. Screw plug opening is 2 5/8" [67mm]. For use with maximum female locking device of 1.58" diameter, and maximum male plug face of 2.25" diameter. **NOTE: Acceptable for use with threaded conduit when passing through power cables.**
828SPTC 	**Brass Duplex Cover Plate** – Screw plugs. Screw plugs are 1 1/2" [38mm] in diameter. **NOTE: Not available in Brushed Aluminum finish.**
829STC 	**Brass Communication Cover Plate** – Data slides. Feed through only, not for use with a mounting plate for communication jacks. **NOTE: Not available in Brushed Aluminum finish.**
829CK 	**Brass Communication Cover Plate** – 2 5/8" and 2 1/4" [67mm and 57mm] plugs.
830CKTCAL 	**Brushed Aluminum Cover Plate** – Power or communication plate with 2" [51mm] and 1 1/4" [32mm] plugs. **NOTE: Acceptable for use with threaded conduit when passing through power cables.**

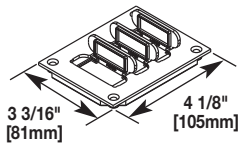
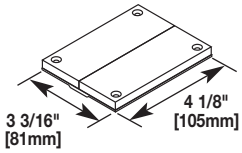
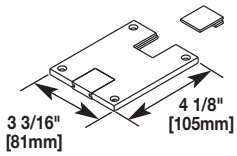
***Replacement flip lids can be ordered under Cat. No. PFL-BLK and PFL-BRN. Each Cat. No. comes with three flip lids. The above cover plates are listed for tile, terrazzo, and carpet floors.**

NOTE: Brass covers and flanges are not interchangeable with aluminum or nonmetallic covers and flanges. Nonmetallic covers are interchangeable with aluminum flanges.

Catalog No./Item	Description/Specifications
829CK-1 	**Brass Communication Cover Plate** – 2 5/8" and 1" [67mm and 25mm] plugs.
830CKTCAL-1 	**Brushed Aluminum Cover Plate** – Power or communication plate with 2" [51mm] and 1" [25mm] plugs. **NOTE: Acceptable for use with threaded conduit when passing through power cables.**
829CK-3/4 	**Brass Communication Cover Plate** – 2 5/8" and 3/4" [67mm and 19.1mm] plugs.
830CKTCAL-3/4 	**Brushed Aluminum Cover Plate** – Power or communication plate with 2" [51mm] and 3/4" [19.1mm] plugs. **NOTE: Acceptable for use with threaded conduit when passing through power cables.**
829CK-1/2 	**Brass Communication Cover Plate** – 2 5/8" and 1/2" [67mm and 12.7mm] plugs.
830CKTCAL-1/2 	**Brushed Aluminum Cover Plate** – Power or communication plate with 2" [51mm] and 1/2" [12.7mm] plugs. **NOTE: Acceptable for use with threaded conduit when passing through power cables.**
828MAAP 	NEW! **A/V Adapter Plate** – Sheet metal adapter plate that accepts two (2) Extron® Electronics MAAP style device plates (sold separately). For use with 828GFITC or 828GFITCAL cover plates. (Sold separately)

OmniBox Series Floor Boxes Nonmetallic Cover Plates Ordering Information

Catalog No./Item	Description/Specifications
828PR-BLK **828PR-BRN** 	**Nonmetallic Duplex Cover Plate** – Flip lids. Available in black or brown. Can also be used with a 106 type communication adapter.
828PRGFI-BLK **828PRGFI-BRN** 	**Nonmetallic GFI Cover Plate** – Available in black or brown. May be used with Pass & Seymour® Activate and Ortronics® Connectivity systems in conjunction with 817, 827 and 837PCC Series flanges.
829PFL-BLK **829PFL-BRN** 	**Nonmetallic Communication Cover Plate** – Individual flip lids.* Available in black or brown. Gasket included. Pass & Seymour® Activate CM-MAB adapter and Wiremold CM Series inserts included.

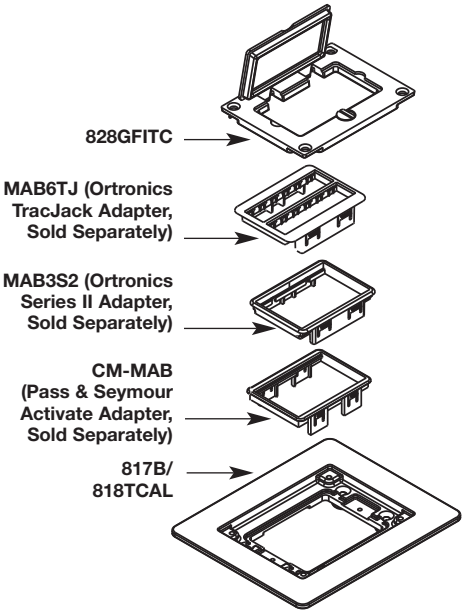
Catalog No./Item	Description/Specifications
829PFLRT-BLK **829PFLRT-BRN** 	**Nonmetallic Communication Cover Plate** – Individual flip lids.* Available in black or brown. Gasket included. Ortronics® MAB6TJ TracJack and MAB3S2 Series II adapters included.
829PCK-BLK **829PCK-BRN** 	**Nonmetallic Communication Cover Plate** – Breakouts. Available in black or brown. Feed through only, not for use with a mounting plate for communication jacks.
829PSTC-BLK **829PSTC-BRN** 	**Nonmetallic Communication Cover Plate** – Data slides. Available in black or brown. Feed through only, not for use with a mounting plate for communication jacks.

***Replacement flip lids can be ordered under Cat. No. PFL-BLK and PFL-BRN. Each Cat. No. comes with three flip lids. The above cover plates are listed for tile, terrazzo, and carpet floors.**

NOTE: Brass covers and flanges are not interchangeable with aluminum or nonmetallic covers and flanges. Nonmetallic covers are interchangeable with aluminum flanges.

Mounting Options for Connectivity Inserts

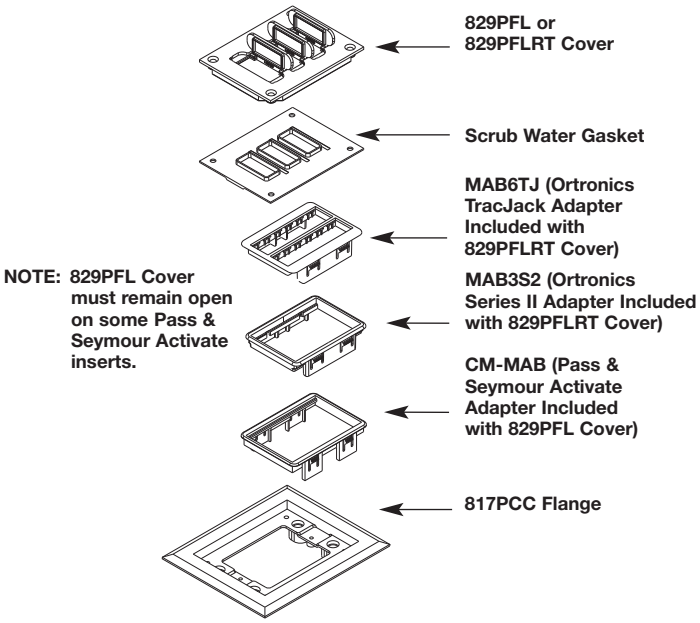
Brass Cover Plate Mounting Option



NOTE: The 828GFITC Cover must remain open on some connectivity inserts.

Pass & Seymour Activate and Ortronics inserts sold separately. Mounting methods typical for two- and three-gang versions.

Nonmetallic Cover Plate Mounting Option



NOTE: 829PFL Cover must remain open on some Pass & Seymour Activate inserts.

Pass & Seymour Activate and Ortronics inserts sold separately. Mounting method typical for two- and three-gang versions. Part is scrub water approved for use on tile floors. To maintain scrub water resistance, blank connectivity inserts must be inserted in unused openings.

DATACOM CONNECTIVITY OPTIONS

Now you have a wide range of options for providing datacom connectivity into Wiremold/Legrand Pathways. They are:

- **Ortronics® TracJack® and Series II Modular Connectivity Solutions**
- **Pass & Seymour Activate™ Modular Inserts**
- **Open System Communication Modules**

Ortronics® Connectivity

TracJack® Individual Jack System

- Front-loading, snap-in design supports future moves adds and changes
- Inserts for voice, data, audio, and video
- Available Category 3, 5e, 6, USOC 6-position, and other media
- Flat or angled 45° exit configurations
- Choice of 13 colors and color matched to Wiremold Systems
- Universal T568A/B wiring format

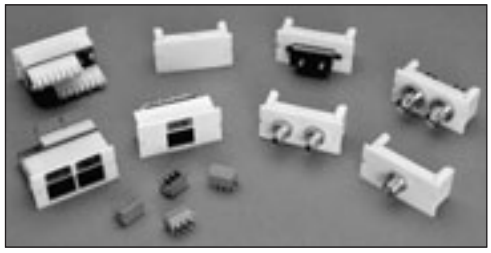
Series II Front-Loading, Module System

- Module design features easy snap-in front-loading design
- Linear 110 punch down format for easy termination
- Inserts for voice, data, audio, and video
- Available Category 3, 5e, 6, USOC 6-position, and other media
- Available in flat or angled 45° exit configurations
- Color matched to Wiremold Systems

For detailed product selection refer to the Ortronics Catalog or visit www.ortronics.com.

Pass & Seymour Legrand Network Wiring

Activate™ Series Front-Loading Inserts

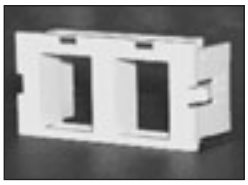


- Modular inserts for voice, data, audio and video applications
- Front-load, snap-in design
- Color and texture matched to Wiremold Systems
- Available Category 3, 5e, 6, as well as 6-position USOC
- Universal T568A/B wiring format

For detailed product selection refer to the Pass & Seymour Network Wiring Catalog or visit www.passandseymour.com.

Open Connectivity Solutions

Wiremold Open System Communications Modules



- Accommodate a wide range of manufacturers' communications outlets including keystone jacks, as well as proprietary solutions from Avaya (Systimax) and NORDX
- Modules insert into a wide range of Wiremold Systems
- Pre-punched faceplates accept common communication devices

NOTE: For more information on integrating connectivity into Wiremold Cable Management Systems contact the Wiremold Applications Engineering Team or your local Wiremold Sales Representative.

legrand®

Wiremold

WIREMOLD
U.S. and International:
60 Woodlawn Street • West Hartford, CT 06110
1-800-621-0049 • FAX 860-232-2062 • Outside U.S. 860-233-6251
Canada:
570 Applewood Crescent • Vaughan, Ontario L4K 4B4
1-800-723-5175 • FAX 905-738-9721

© Copyright 2009 Legrand All Rights Reserved

ED772R11 – Updated August 2009 – For latest specs visit www.wiremold.com