WIREMOLD

legrand®

Small, Two-Piece, Nonmetallic Raceway Systems
Ideal for Low Voltage and Power Applications

The 400, 800, and 2300 Series™ Raceways, from Wiremold/Legrand, are a family of single compartment raceway systems designed for communication or power applications. Ideal for use in classrooms, offices, hotel applications, or anywhere a small, secure, low profile raceway is needed. The 2300BACD Nonmetallic Divided Raceway is ideal for use when power and low voltage cabling are needed in a single raceway.


400, 800, 2300, and 2300D
Series Raceway Profiles

Features & Benefits

- **Accommodates communication and/or power wiring.** Can be used for communications, computer lines, surveillance systems, fire alarms, outlets, and more.

- **Available in three sizes.** 400BAC, 800BAC, and 2300BAC sizes provide flexibility for meeting a variety of capacity requirements. Perfect for most small drops and horizontal runs to work stations.

- **Durable, textured PVC ivory or white finish.** Blends with any decor. Paintable using latex paint. Consult factory for custom color options.

- **Single- and dual-compartment low profile design.** Provides functionality and flexibility with aesthetics for single- or dual-service applications.

- **Adhesive backing for low voltage (under 50V) applications.** Allows base to be pressed onto mounting surface. Speeds installation.

- **Lightweight and easy to handle.** Saves time and labor costs. Standard 5' [1.525m] raceway lengths can be easily installed by one person. Custom lengths up to 10' [3.05m] are also available.

- **Divided FiberReady® fittings.** For use with 2300BAC and 2300BACD. Full capacity fittings provide 2" [51mm] bend radius.

- **Over-the-raceway box for 2300 and 2300D.** Boxes mount over continuous run of raceway base eliminating the need to cut raceway when locating devices.

- **Sure-Snap® boxes for 2300BACD.** Provides flush look and ease of installation.

- **Snap-on cover.** Provides security with access to wiring for changes or additions.

- **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.

- c(UL)us Listed File E90378 Raceway, E90377 Fittings.

400BAC, 800BAC, 2300BAC, 2300BACD Series Raceway System Application
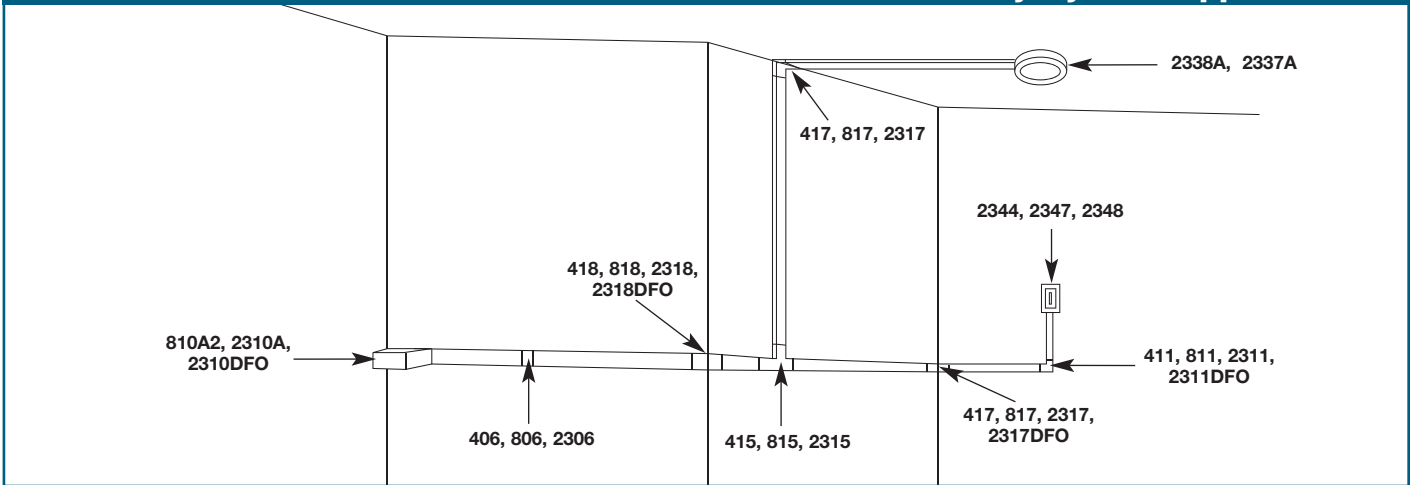
NOTE: *Illustration shows product applications only. 2315 Tee Fitting cannot be used with 2300BACD Divided Raceway.*

400BAC, 800BAC, 2300BAC, 2300BACD Raceway Series Wire Fill Capacities for Power

WIRE SIZE THHN/THWN	O.D. Inches	O.D. [mm]	NUMBER OF CONDUCTORS 400BAC	800BAC	2300BAC	2300BACD†
14 AWG	0.111	[2.8]	5	6	25	12
12 AWG	0.130	[3.3]	3	5	18	8
10AWG	0.164	[4.2]	0	4	12	5

400BAC, 800BAC, 2300BAC, 2300BACD Raceway Series Wire Fill Capacities for Communications

	CABLE/WIRE SIZE	O.D. inches	O.D. [mm]	40% FILL* 400	800	2300	2300D†
UNSHIELDED TWISTED PAIR	4-Pair, 24 AWG Cat. 3	0.190	[4.8]	1	3	11	5
	4-Pair, 24 AWG Cat. 5e	0.210	[5.3]	1	3	9	4
	4-Pair, 24 AWG Cat. 6	0.250	[6.3]	1	2	6	3
	4-Pair, 24 AWG Cat. 6a**	0.354	[9.0]	0	1	3	1
	25-Pair, 24 AWG	0.410	[10.4]	0	0	2	1
COAXIAL	RG6/U	0.270	[6.9]	0	1	5	2
FIBER	Zip Cord 0.118 x 0.157	[3 x 6]	1	3	12	6	
	Round 4 Strand Fiber	0.187	[4.8]	1	3	12	6
	Round 6 Strand Fiber	0.256	[6.5]	1	2	6	3

 * *Wire capacity is reduced to allow for proper conductor bend radius and maximum permissible heat rise.*
** *Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.*
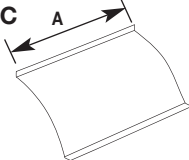 † *each compartment.*

400BAC, 800BAC, 2300BAC, 23000BACD Series

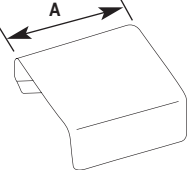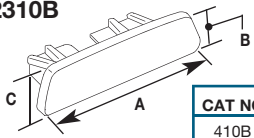| Catalog No./Item		Description/Specifications
400BAC	400BAC-WH	**Low profile, two-piece raceway with snap-on cover** – Available in 5' [1.525m and length. Supplied with wide adhesive tape along entire length of base.
800BAC	800BAC-WH	
2300BAC	2300BAC-WH	
2300BACD	2300BACD-WH	

400BAC
7/16" [11.1mm]
7/8" [22.2mm]

800BAC
7/16" [11.1mm]
1 5/16" [33mm]

2300BAC
11/16" [17.5mm]
2 1/4" [57mm]

2300BACD
11/16" [17.5mm]
2 1/4" [57mm]
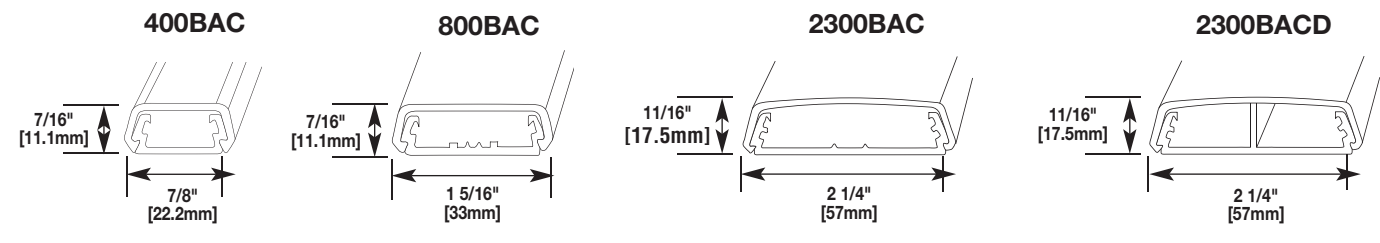
400BAC, 800BAC, 2300BAC, 2000BACD Series Fittings

Catalog No./Item	Description/Specifications

400WC
800WC
2300WC

Wire Clip – For holding conductors in place.

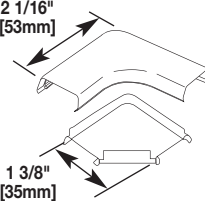| CAT NO.	A	
400WC	1/2"	[12.7mm]
800WC	1"	[25mm]
2300WC	1"	[25mm]

406
806
2306

Cover Clip – For covering joint where two pieces of 400BAC, 800BAC or 2300BAC Series Raceway cover come together.

CAT NO.	A	
406	13/16"	[20.6mm]
806	1"	[25mm]
2306	2"	[51mm]
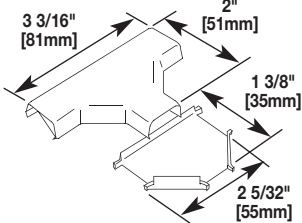
410B
810B
2310B

Blank End Fitting – For closing open end of 400BAC, 800BAC, or 2300BAC Raceway Series.

CAT NO.	A		B		C	
410B	13/16"	[20.6mm]	1/2"	[12.7mm]	3/8	[9.5mm]
810B	1 1/4"	[32mm]	1/2"	[12.7mm]	3/8	[9.5mm]
2310B	2 1/4"	[57mm]	1"	[25mm]	3/8	[9.5mm]
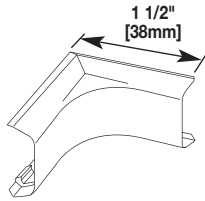
411*

2 1/16" [53mm]

1 3/8" [35mm]

90° Flat Elbow – For right angle turns on same surface.

415*

3 3/16" [81mm]

2" [51mm]
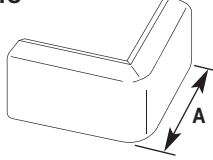
1 3/8" [35mm]

2 5/32" [55mm]

Tee – For branches at right angles.

417*

1 1/2" [38mm]

Internal Elbow – For surfaces at right angles.

Catalog No./Item	Description/Specifications
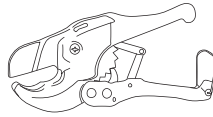
418
818
2318*

90° External Elbow – For right angle turns around external corners.

CAT NO.	A	
418	1 1/2	[38mm]
818	2"	[51mm]
2318	2 1/2	[64mm]
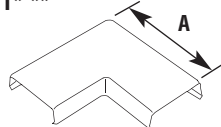
PVC-1

PVC Cutter – Regular duty cutter. Ideal for use with small nonmetallic raceway.
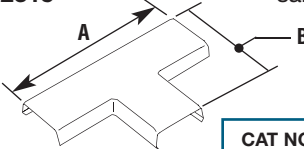
810A2

1 1/2" [38mm]

4 1/4" [108mm]

1 7/16" [37mm]

Entrance End Fitting – For connecting 400 or 800 Series Raceway with 1/2" trade size conduit or armored cable. 1/2" trade size KO on end and bottom.

811
2311* **

A
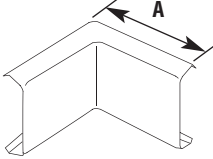
90º Flat Elbow – For right angle turns on same surface.

CAT NO.	A	
811	2 1/2"	[64mm]
2311	4 3/16"	[106mm]

815
2315* **

A

B
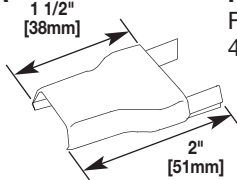
Tee – For right angles turns on same surface.

CAT NO.	A	B
815	4 1/8" [105mm]	2 3/4" [70mm]
2315	6" [152mm]	4 1/8" [105mm]

817
2317*

A

Internal Elbow – For surfaces at right angles.

CAT NO.	A	
817	2"	[51mm]
2317	2 1/2"	[64mm]
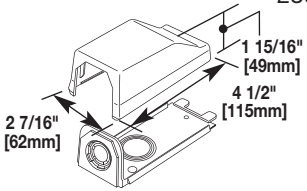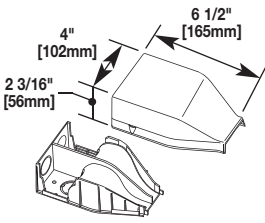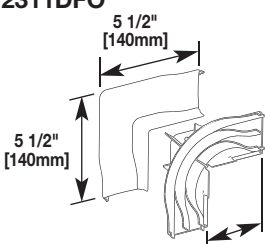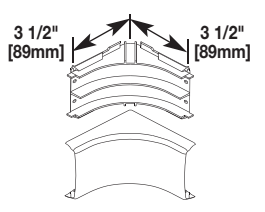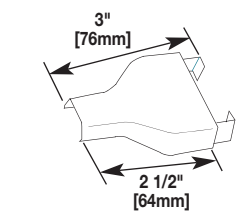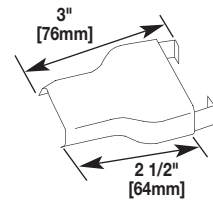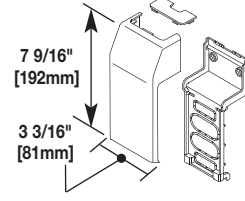
889A

1 1/2" [38mm]

2" [51mm]

Reducing Connector (800-400) – For transitioning from 800 to 400 Series Raceway.

NOTE: *No suffix denotes ivory finish. Add "–WH" suffix for white finish.*
  * For 2300BAC and 2300BACD Raceway must be mitered to use 2311 and 2318. 2315 cannot be used in divided raceway.

400, 800, 2300, 2300D Series and Communication Boxes

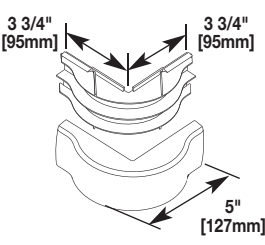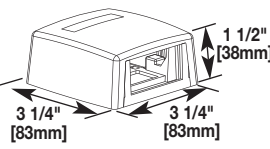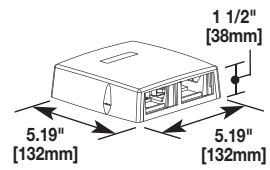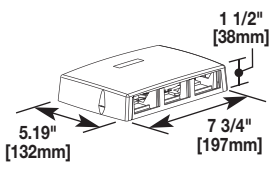| Catalog No./Item	Description/Specifications
2310A	**Entrance End Fitting** – 1/2", 3/4", and 1" trade size KOs for feeding 2300 Series Raceway. 1 15/16" [49mm] 4 1/2" [115mm] 2 7/16" [62mm]
2310DFO	**Bend Radius Divided Entrance End Fitting** – Divided fitting to feed 2300BAC and 2300BACD Series Raceway. Includes 1/2", 3/4" and 1" trade size KOs on back and top. 4" [102mm] 6 1/2" [165mm] 2 3/16" [56mm]
2311DFO	**Bend Radius Divided Flat Elbow** – A 90° flat corner with integral dividers to provide 2" [51mm] cable bend radius for UTP and fiber optic installations. 5 1/2" [140mm] 5 1/2" [140mm] 3 1/4" [83mm]
2317DFO	**Bend Radius Divided Internal Elbow** – A 90° internal corner with integral dividers to provide 2" [51mm] cable bend radius for UTP and fiber optic installations. 3 1/2" [89mm] 3 1/2" [89mm]
2318DFO	**Bend Radius Divided External Elbow** – A 90° external corner with integral dividers to provide 2" [51mm] cable bend radius for UTP and fiber optic installations. 3 3/4" [95mm] 3 3/4" [95mm] 5" [127mm]
2389	**Reducing Connector (2300BAC-800BAC)** – For transitioning from 2300BAC to 800BAC Series Raceway. 3" [76mm] 2 1/2" [64mm]

Catalog No./Item	Description/Specifications
2389A	**Reducing Connector (2300BAC-400BAC)** – For transitioning from 2300BAC to 400BAC Series Raceway. 3" [76mm] 2 1/2" [64mm]
5474	**Transition Tap Fitting** – Makes transition from 5400 Raceway to 400BAC, 800BAC, 2300BAC Series Raceway. 7 9/16" [192mm] 3 3/16" [81mm]

Communication Boxes

Catalog No./Item	Description/Specifications
CM-MMB-231	**One Insert Multimedia Box** - Compatible with 400BAC and 800BAC Series Raceway. Accepts Pass & Seymour Activate Inserts and Wiremold Open System Communication Modules. 1 1/2" [38mm] 3 1/4" [83mm] 3 1/4" [83mm]
CM-MMB-232	**Two Insert FiberReady® Multimedia Box** - Compatible with 400BAC, 800BAC, and 2300BAC Series Raceway. Accepts Pass & Seymour Activate Inserts and Wiremold Open System Communications Modules. 1 1/2" [38mm] 5.19" [132mm] 5.19" [132mm]
CM-MMB-233	**Three-Insert FiberReady® Multimedia Box** – Compatible with 400BAC, 800BAC and 2300BAC Series Raceway. Accepts Pass & Seymour Activate Inserts and Wiremold Open System Communications Modules 1 1/2" [38mm] 5.19" [132mm] 7 3/4" [197mm]

NOTE: *No suffix denotes ivory finish. Add "–WH" suffix for white finish.*

400BAC, 800BAC, 2300BAC Series Raceway Sure-Snap® Device Boxes

- **Interchangeable covers and bases.** Provides installation flexibility.

- **Large knockout.** Accommodates many cable types and quantities.

- **Cover removes easily.** One twist of a screwdriver removes the cover for fast changes.

- **No screws to assemble.** The secure snap assembly requires fewer tools and parts, which means a shorter installation time.
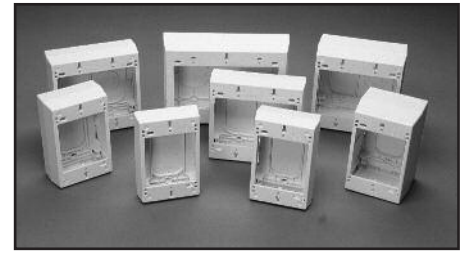
Sure-Snap Device Boxes are available in a variety of sizes and depths.

400BAC, 800BAC, 2300BAC Series Raceway Sure-Snap® Device Boxes
(For Non-Divided Raceways)

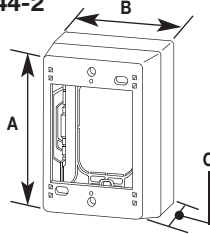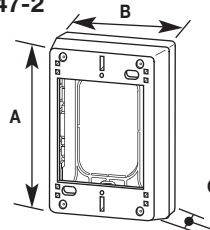| Catalog No./Item	Description/Specifications
2344 **2344-2**	**Extra Deep Device Box** – 2344 one-gang, 2344-2 two-gang. 2344-2 base has rectangular KO to enable extension from existing single-gang flush wall box and 1/2" and 1" trade size concentric KOs. Accepts NEMA Faceplates

CAT #	GANG(s)	A	B	C
2344	1	4 3/4" [121mm]	3" [76mm]	2 3/4" [70mm]
2344-2	2	4.3/4" [121mm]	4 7/8" [124mm]	2 3/4" [70mm]

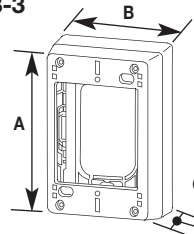| Catalog No./Item	Description/Specifications
2347 **2347-2**	**Device Box** – 2347 one-gang, 2347-2 two-gang. For standard switches and devices. 2347 and 2347-2 Bases have rectangular KO to enable extension from existing flush wall box and 1/2" and 1" trade size concentric KOs. Accepts NEMA Faceplates

CAT #	GANG(S)	A	B	C
2347	1	4 3/4" [121mm]	3" [76mm]	1 3/8" [35mm]
2347-2	2	4 3/4" [121mm]	4 7/8" [124mm]	1 3/8" [35mm]

NOTE: *No suffix denotes ivory finish. Add "–WH" suffix for white finish. All single-gang bases have a rectangular knockout on the base.*

Catalog No./Item	Description/Specifications
2348 **2348-2** **2348-3**	**Deep Device Box** – 2348 one-gang, 2348-2 two-gang, 2348-3 three-gang. For deeper switches and devices. 2348, 2348-2, and 2348-3 Bases have rectangular KO to enable extension from existing flush wall box and 1/2" and 1" concentric KOs. Accepts NEMA Faceplates.

CAT #	GANG(S)	A	B	C
2348	1	4 3/4" [121mm]	3" [76mm]	1 3/4" [35mm]
2348-2	2	4 3/4" [121mm]	4 7/8" [124mm]	1 3/4" [44mm]
2348-3	3	4 3/4" [121mm]	7" [178mm]	1 3/4" [44mm]
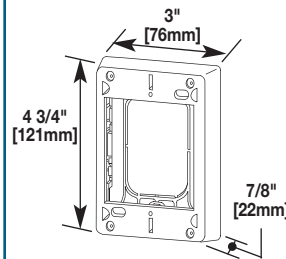
Catalog No./Item	Description/Specifications
2348S/51	**Shallow Device Box/ Extension Box** – For shallow switches and receptacles. Base has rectangular KO. Accepts NEMA Faceplates.

3" [76mm] 4 3/4" [121mm] 7/8" [22mm]
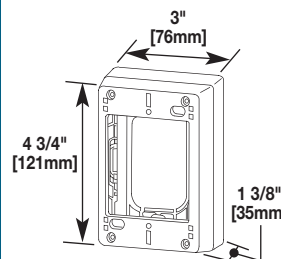
Catalog No./Item	Description/Specifications
2348AMP	**Magnetic Deep Device Box (with Grommet)** – For deeper switches and devices. Magnetic backing. Base has rectangular KO. Accepts NEMA Faceplates

3" [76mm] 4 3/4" [121mm] 1 3/8" [35mm]

400BAC, 800BAC, 2300BAC Series Raceway Round Fixture Boxes for Non-Divided Raceway

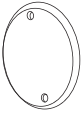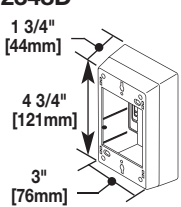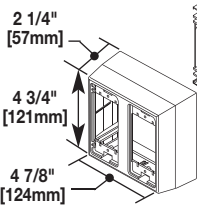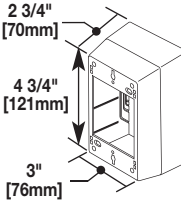| Item	Description	Cat. No.	Diameter	Depth	Specifications
	Blank Cover	2336	4 1/2" [114mm]	—	Use with any round nonmetallic device box to convert into junction box.
	Round Extension Box	2337A	5 1/2" [140mm]	1" [25mm]	For hanging fixtures, smoke/fire alarms and other security devices with 3 1/2" [89mm] or 4 1/16" [103mm] mounting centers. 5 1/2" [140mm] diameter with open base. Not for use with ceiling fans.
	Fixture Box	2338A	5 1/2" [140mm]	1" [25mm]	For hanging smoke/fire alarms and other security devices with 3 1/2" [89mm] or 4 1/16" [103mm] mounting centers. Not for use with ceiling fans.

NOTE: *No suffix denotes ivory finish. Add "–WH" suffix for white finish.*

The 2300BAC and 2300BACD Series Divided Raceway Box family provides two unique benefits; labor savings with "over-the-raceway" installation and Sure-Snap® device boxes. The 2348D and 2344D "over-the-raceway" design eliminates cutting the raceway base to mount boxes. The base snaps on anywhere along the raceway. The Sure-Snap integral device box of the 2344SD-2A combines aesthetics with labor savings. 5507 Series Faceplates, Pass & Seymour Activate Inserts, Wiremold Open System Communication Modules and Ortronics Series II and TracJack Modules snap directly into the Sure-Snap Device Box, eliminating the need for additional faceplates. The single-gang boxes accept standard NEMA faceplates.
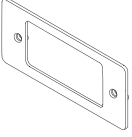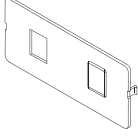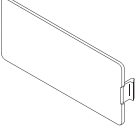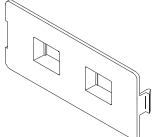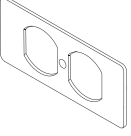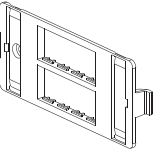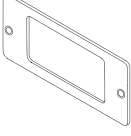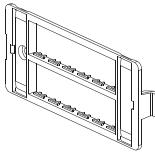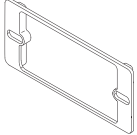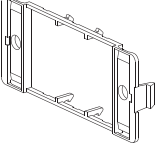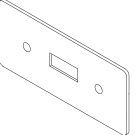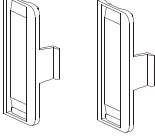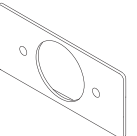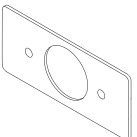
Sure-Snap® Device Boxes for 2300BACD Divided Series Raceway

Catalog No./Item	Description/Specifications
2348D 1 3/4" [44mm], 4 3/4" [121mm], 3" [76mm]	**Device Box** – For use with 2300BACD Divided Raceway. For mounting standard switches, receptacles and industry standard faceplates for communication devices. Accepts NEMA Faceplates.
2344D 2 3/4" [70mm], 4 3/4" [121mm], 3" [76mm]	**Extra Deep Device Box** – For use with 2300BACD Divided Raceway when additional depth is required. For mounting standard switches, receptacles and industry standard faceplates for communication devices. Accepts NEMA Faceplates.

Catalog No./Item	Description/Specifications
2344SD-2A 2 1/4" [57mm], 4 3/4" [121mm], 4 7/8" [124mm]	**Two-Gang Deep Divided Box** – A divided two-gang box for use with 2300D Series Raceway. Provides the ability to have both power and low voltage at a single point of use. Accepts 5507 Series Faceplates, Ortronics® TracJack & Series II Modules, Pass & Seymour Activate™ Series Inserts, and Wiremold Open System Communication Modules.

Note: Not for use with NEMA Faceplates. CM-EPLA End Plates are required when using Wiremold Open System communication modules and Pass & Seymour Activate inserts. S2-EPL End Plates are required when using Ortronics Series II inserts. To mount Ortronics TracJack modules, use 5507-4TJ or 5507-6TJ Faceplates.

2344SD-2 Over-the-Raceway Box Application

2344SD-2A

Communication Inserts

5507 Series Faceplate

6
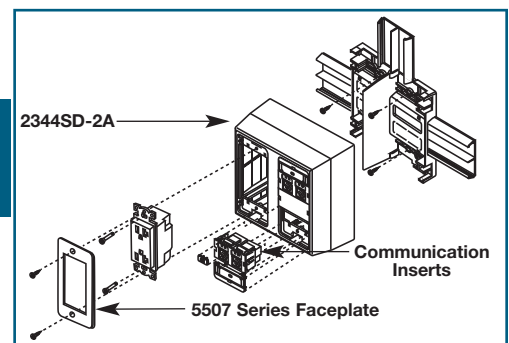
5507 Series Faceplates

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
5507AD	**Modular Furniture Adapter** – For mounting Activate modular furniture bezels and other modular furniture adapters. Not for use with rectangular (decorator) style devices.	**5507RJ**	**Dual RJ11/RJ45 Connector Faceplate** – For mounting one or two RJ type connectors – has one opening and a KO for the other.
5507B	**Blank Faceplate** – For covering unused compartments in the device bracket.	**5507FRJ**	**Flush Dual RJ11/RJ45 Connector Faceplate** – Same as 5507RJ except the connectors are recessed to provide a flush installation.
5507D	**Duplex Receptacle Faceplate** – For covering duplex style devices. Accepts 106 Frame.	**5507-4TJ**	**Ortronics® Faceplate** – For mounting Ortronics datacom inserts. Accepts four TracJack Devices.
5507R	**Rectangular Receptacle Faceplate** – For covering rectangular decorator style devices.	**5507-6TJ**	**Ortronics® Faceplate** – For mounting Ortronics datacom inserts. Accepts six TracJack Devices.
5507S	**Rectangular Spacer** – For mounting commercial device plates. Installs between the device bracket and a device.	**CM-EPLA**	**End Plates** – Includes two outlet identification labels with clear covers and two matching screw covers. Required for mounting Pass & Seymour Activate™ and Wiremold Open System communication modules into the 2344SD-2A.
5507SW	**Switch Faceplate** – For covering standard toggle switches.	**S2-EPL**	**End Plates** – Includes two outlet identification labels with clear covers and two matching screw covers. Required for mounting Ortronics® Series II modules into the 2344SD-2A.
5507T1	**Single Receptacle Faceplate** – For covering single receptacles – 1.59" [40mm] diameter.		
5507T2	**Single Receptacle Faceplate** – For covering single receptacles – 1.41" [36mm] diameter.		

NOTE: *No suffix denotes ivory finish. Add "–WH" suffix for white finish, and "G" for Gray finish. Consult factory for custom colors.*

Datacom Connectivity Options

Now you have a wide range of options for providing datacom connectivity into Wiremold® Cable Management Systems. They are:

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

Use these icons to determine connectivity options for each Wiremold System component:

ORT	ORT	ORT
P&S	P&S	P&S
OPEN	OPEN	OPEN

ORT	
P&S	
OPEN	

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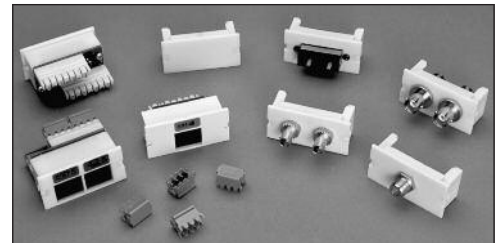
For detailed product selection refer to the Pass & Seymour Network Wiring Catalog or visit www.passandseymour.com.

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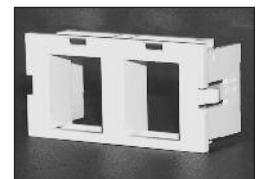
NOTE: For more information on integrating connectivity into Wiremold Cable Management Systems contact the Wiremold Applications Engineering Team or your local Wiremold Sales Representative.

WIREMOLD

ℓ legrand®

ED296R15 – Updated March 2009 – For latest specs visit www.wiremold.com