# **legrand**<sup>®</sup>

# WIREMOLD<sup>®</sup> 400/800/2300 Series<sup>™</sup> Raceway

# Low Profile Design Combines Functionality With Aesthetics Ideal for Low Voltage and Power Applications

400, 800, 2300 and 2300BACD Series<sup>™</sup> Raceway, are a family of low-profile raceways that are designed for communication or power applications. 400, 800 and 2300 Raceway offer a single channel for either communication or power. And when power and low voltage services are both needed in a single raceway, the divided 2300BACD Raceway with it's low-profile design, is an easy-to-install option.

400,800,2300 and 2300BACD Raceways are an ideal solution for use in classrooms, offices, hospitality applications, or anywhere a small, secure, low profile raceway is needed.



2300D Series Raceway in a typical office application.

#### 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. 400, 800, and 2300 sizes provide flexibility for meeting a variety of capacity and space requirements. Perfect for most small drops and horizontal runs to work stations.
- Durable, textured PVC construction. Available in ivory or white finish to blend with any decor. Also 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<sup>®</sup> 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<sup>®</sup> 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.
- **CULus Listed.** File E90378 Raceway, E90377 Fittings.



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

ED296R18 - Updated January 2016 - For latest specs visit www.legrand.us/wiremold

### 400, 800, 2300, 2300D Series Raceway System Layout



NOTE: Illustration shows product applications only. 2315 Tee Fitting cannot be used with 2300D Divided Raceway.

	400, 800	), 2300, 2300	D Raceway Series	Wire Fill Capacities	for Power	
WIRE SIZE		.D.	40054.0		CONDUCTORS	
THHN/THWN	Inches	(mm)	400BAC	800BAC	2300BAC	2300BACD <sup>†</sup>
14 AWG	0.111	(2.8)	5	6	15	7
12 AWG	0.130	(3.3)	3	5	14	6
10AWG	0.164	(4.2)	0	4	12	5

	400, 800, 2300, 2300D	Raceway	Series Wi	re Fill Capaci	ties for Com	nunications	
		O.D			40%	FILL*	
	CABLE/WIRE SIZE	inches	(mm)	400	800	2300	2300D <sup>+</sup>
UNSHIELDED TWISTED PAIR	4-Pair, 24 AWG Cat. 3 4-Pair, 24 AWG Cat. 5e 4-Pair, 24 AWG Cat. 6 4-Pair, 24 AWG Cat. 6a** 25-Pair, 24 AWG	0.190 0.210 0.250 0.354 0.410	(4.8) (5.3) (6.3) (9.0) (10.4)	1 1 1 0 0	3 3 2 1 0	11 9 6 3 2	5 4 3 1
COAXIAL	RG6/U	0.270	(6.9)	0	1	5	2
FIBER	Zip Cord 0.118 x 0.157 Round 4 Strand Fiber Round 6 Strand Fiber	(3 x 6) 0.187 0.256	1 (4.8) (6.5)	3 1 1	12 3 2	6 12 6	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 Raceway Ordering Information





40	0, 800, 2300, 2000D Series Fitt	tin	gs Ordering Inform	nation (continued)
Catalog No./Item	<b>Description/Specifications</b>		Catalog No./Item	Description/Specifications
2 7/16" (62mm)	Entrance End Fitting – 1/2", 3/4", and 1" trade size KOs for feeding 2300 Series Raceway. (115/16" (49mm) 4 1/2" 15mm)		2318DFO 3 3/4" (95mm) (95mm) 5" (127mn)	(51mm) cable bend radius for UTP and fiber optic installations.
2310DFO 6 1/2" (165mm) 2 3/16" (56mm)	<ul> <li>Bend Radius Divided Entrance</li> <li>End Fitting – Divided fitting to feed 2300BAC and 2300BACD</li> <li>Series Raceway. Includes 1/2", 3/4" and 1" trade size KOs on back and top.</li> </ul>		2389 3" (76mm) 2 1/2" (64mm)	Reducing Connector (2300BAC-800BAC) – For transitioning from 2300BAC to 800BAC Series Raceway.
2311DFO 5 1/2" (140mm) 5 1/2" (140mm)	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.		2389A 3" (76mm) 2 1/2" (64mm)	Reducing Connector (2300BAC-400BAC) – For transitioning from 2300BAC to 400BAC Series Raceway.
2317DFO 31/2" (89mm)			5474 7 9/16" (192mm) 3 3/16" (81mm)	Transition Tap Fitting – Makes transition from 5400 Raceway to 400BAC, 800BAC, 2300BAC Series Raceway.

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

400, 800, 23	00, 2000D Series Communic	ati	ons Boxes Ordering	g Information (continued)
Catalog No./Item	<b>Description/Specifications</b>		Catalog No./Item	Description/Specifications
CM-MMB-231 (38mm) 3 1/4" (83mm) (83mm)			CM-MMB-233 1 1/2" (38mm) 5.19" 7 3/4" (197mm)	Three-Insert FiberReady® Multimedia Box – Compatible with 400BAC, 800BAC and 2300BAC Series Raceway. Accepts Pass & Seymour® Activate Inserts and Wiremold Open System Communications Modules
CM-MMB-232 1 1/2" (38mm) 5.19" (132mm) (132mm)	Two Insert FiberReady® Multimedia Box - Compatible with 400BAC, 800BAC, and 2300BAC Series Raceway. Accepts Pass & Seymour® Activate Inserts and Wiremold Open System Communications Modules.			

### 400, 800, 2300 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.

	400, 8	800, 23	800 Serie		/ay Sure-S For Non-Div			xes Or	dering In	formatio	n
Catalog N	lo./Item	n [	Description	/Specifica	tions	Catalog	g No./Ite	m	Descriptio	n/Specifica	tions
2344 2344-2		► ZZ	2344-2 base o enable ex	ang, 2344-2 e has rectar tension fro flush wall b e size conce	2 two-gang. ngular KO m existing box and 1/2" entric KOs. ites	2348 2348-2 2348-3		B C	2348-2 two For deeper 2348, 2348 have rectar extension f box and 1/2	ce Box – 23 -gang, 2348 switches ar -2, and 2344 ngular KO to rom existing 2" and 1" co ots NEMA Fa	8-3 Bases enable flush wall pncentric
-	CAT # 2344	GANG(s)	A 4 3/4"	<b>B</b> 3"	<b>C</b>			0.000	•	_	c
-	0044.0		(121mm)	(76mm) 4 7/8"	(70mm) 2 3/4"		CAT # 2348	GANG(S) 1	<b>A</b> 4 3/4"	<b>B</b> 3"	1 3/4"
[	2344-2	2	4.3/4" (121mm)	(124mm)	2 3/4 (70mm)		2348-2	2	(121mm) 4 3/4" (121mm)	(76mm) 4 7/8" (124mm)	(35mm) 1 3/4" (44mm)
2347 2347-2	в	2	Device Box 2347-2 two- switches an	gang. For s	standard		2348-3	3	4 3/4" (121mm)	7" (178mm)	1 3/4" (44mm)
			2347-2 Base (O to enable existing flus and 1" trade Accepts NE	es have rec e extensior h wall box a size conce	tangular 1 from and 1/2" entric KOs.	2348S/ 4 3/4" (121mm)	51 3" (76mm 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Extension switches a	evice Box/ Box – For s nd receptac gular KO. Ac eplates.	les. Base
	CAT #	GANG(S)	Α	В	С			7/8" (22mm)			
	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)	2348AN	/D		Magnetic	Deep Devic	e Box
	e finish. ngle-gan		y finish. Add have a recta			4 3/4" (121mm)	3" (76m) 1000 000000000000000000000000000000000		(with Gron switches a backing. B Accepts N	n <b>met)</b> – For nd devices.	deeper Magnetic tangular KO.

400, 800, 2300 Item	Series Racewa	y Round F Cat. No.	ixture Boxes f Diameter	or Non-Div Depth	vided Raceway Ordering Information Specifications
0	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.

## Sure-Snap® Device Boxes for 2300BACD Divided Series Raceway

The 2300BAC and 2300BACD Series Divided Raceway Box family provides two unique benefits; labor savings with "over-the-raceway" installation and Sure-Snap<sup>®</sup> 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 <sub>®</sub> D	evice Boxes for 2300BACD D	ivi	ded Series Racewa	y Ordering Information
Catalog No./Item	Description/Specifications		Catalog No./Item	Description/Specifications
2348D 1 3/4" (44mm) 4 3/4" (121mm) 3" (76mm)	<b>Device Box</b> – For use with 2300BACD Divided Raceway. For mounting standard switches, receptacles and industry standard faceplates for communication devices. Accepts NEMA Faceplates.		2344SD-2A 2 1/4" (57mm) 4 3/4" (121mm)	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 <sup>™</sup> Series Inserts, and
2344D	<b>Extra Deep Device Box</b> – For use with 2300BACD Divided Raceway when additional depth is required.		4 7/8" (124mm)	Wiremold Open System Communication Modules.
(70mm) 4 3/4" (121mm) 3" (76mm)	For mounting standard switches, receptacles and industry standard faceplates for communication devices. Accepts NEMA Faceplates.		Plates are required communication mo inserts. S2-EPL En Ortronics® Series II	EMA Faceplates. CM-EPLA End when using Wiremold Open System odules and Pass & Seymour® Activate d Plates are required when using inserts. To mount Ortronics® use 5507-4TJ or 5507-6TJ Faceplates.



	No./Item	<b>Description/Specifications</b>	Catalog No./I
07AD	9	Modular Furniture Adapter – For mounting Activate modular furniture bezels and other modular furniture adapters. Not for use with rectangular (decorator) style	5507RJ
7B		devices. <b>Blank Faceplate</b> – For covering unused compartments in the device bracket.	5507FRJ
7D		Duplex Receptacle Faceplate – For covering duplex style devices. Accepts 106 Frame.	5507-4TJ
1		Rectangular Receptacle Faceplate – For covering rectangular decorator style devices.	5507-6TJ
V		Rectangular Spacer – For mounting commercial device plates. Installs between the device bracket and a device. Switch Faceplate – For covering standard toggle switches.	CM-EPLA
		Single Receptacle Faceplate – For covering single receptacles – 1.59" (40mm) diameter.	S2-EPL
T2	000	<b>Single Receptacle Faceplate</b> – 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.

#### **Electrical Wiring Systems**

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