

# 2400<sup>®</sup> & 2400D<sup>®</sup> Series Steel Raceway

# Low Profile, Single and Dual Channel, Steel Raceway

**Wiremold** 2400 Series Raceway is a single compartment raceway designed for communication or power applications and ideal for use in classrooms, offices, and hotel applications, or anywhere a small low profile raceway is needed.

2400D Series Divided Raceway is a low profile steel raceway for use where a limited number of power and low voltage cables are required in the same raceway.

> 2400 Series Raceway shown with our new Downward Facing Receptacles in a typical school library application.



### FEATURES & BENEFITS

- Steel raceway. Provides superior strength for any dry location.
- Single- and dual-compartment attractive low profile raceway design. Provides functionality and flexibility with aesthetics for single or dual service applications.
- with aesthetics for single or dual service applications.
  Downward facing activations. Streamlines the raceway appearance and provides increased protection for both activations and cabling.
- ScuffCoat<sup>™</sup> finish. Tough durable ScuffCoat finish makes a scratch-resistant surface that can be painted.
- Complete line of fittings. Provides complete wiring solution and allows for interconnection between raceway systems.
- Removable cover. Allows easy access to wiring for changes and additions.
- One- and two-gang device boxes. Now you can wire devices into the raceway system, making 2400 Series Raceway an excellent choice for communication wiring.
- Over the raceway boxes. Provides tremendous labor savings. Boxes mount over continuous run of raceway base eliminating the need to cut raceway when locating devices.

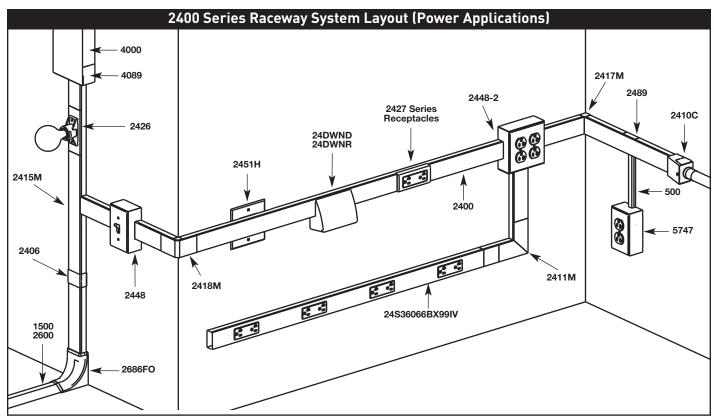


- Bend radius control fittings. Corner and tee fittings are UL verified to maintain full capacity 2" [51mm] bend radius control and exceed the recommendations of EIA/TIA 569A. These fittings provide cable protection in both lay-in and pull-through cable installations.
- V2475D Bridge Fitting. Provides ability to bridge 2400 Series Raceways over existing installations of 2400, 700, and 500 Series Raceways.
- In-line field-configurable receptacles. Receptacles can be installed at any point along the raceway without a box.
- In-line 106 frame data outlet. A wide variety of data modules can be installed anywhere along the raceway run without a box.
- 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.
- UL and cUL Listed component raceways. File E4376 Guide RJBT, Fittings: File E41751 Guide RJPR. Meets Article 386 of NEC and meets Section 12-600 of CEC.

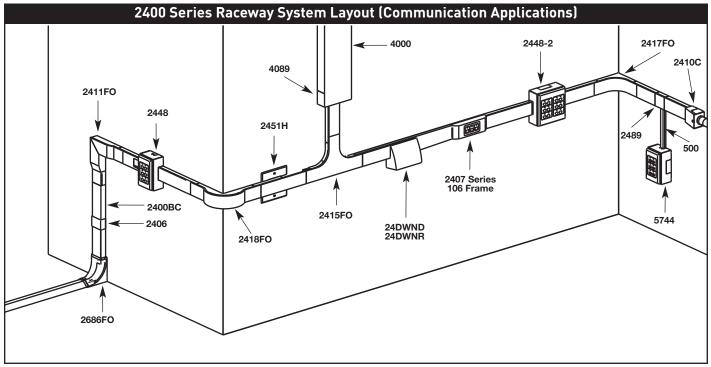


24DWNR Downward Facing2Activation shown in ansecurity application.a

2400 Series Raceway shown with our new 2444D-2N Divided Device Box in a typical classroom application.



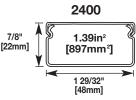
NOTE: Illustration is for product applications and may not represent proper circuit wiring. Color prefix is not included in part number identification.



NOTE: Illustration is for product applications and may not represent proper circuit wiring. Color prefix is not included in part number identification.

# 2400 Series Raceway Wire Fill Capacity Charts

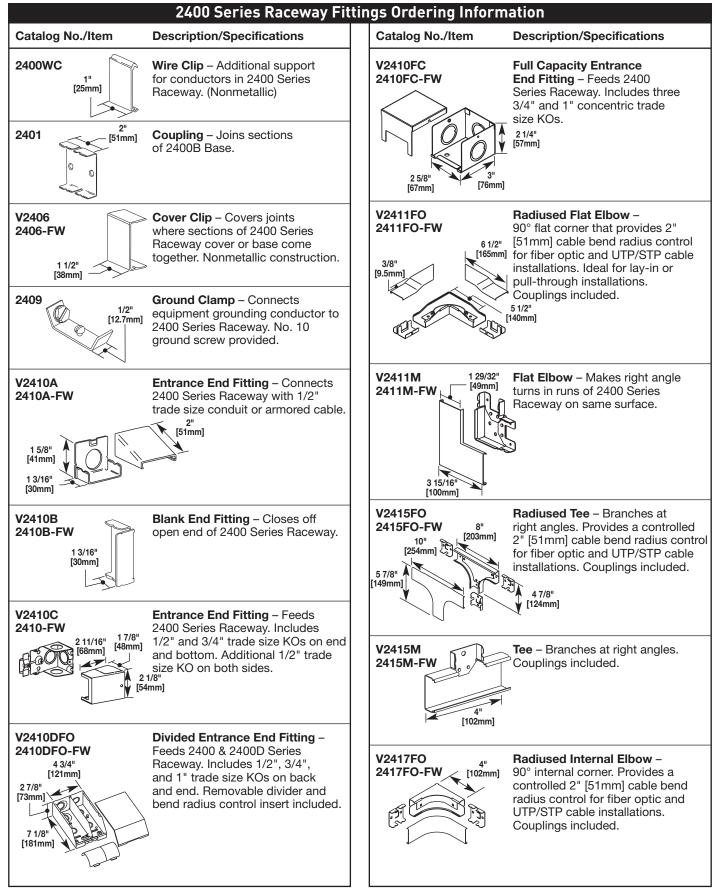
2400 Raceway Wire Fill Capacities for Power*					
NUMBER OF CONDUCTORS (40% FILL					
WIRE SIZE	0	.D.	WITHOUT	WITH 2427	
THHN/THWN	Inches	[mm]	DEVICES	RECEPTACLE	
14 AWG	0.111	[2.8]	57	12	1
12 AWG	0.130	[3.3]	41	9	
10 AWG	0.164	[4.2]	26	-	



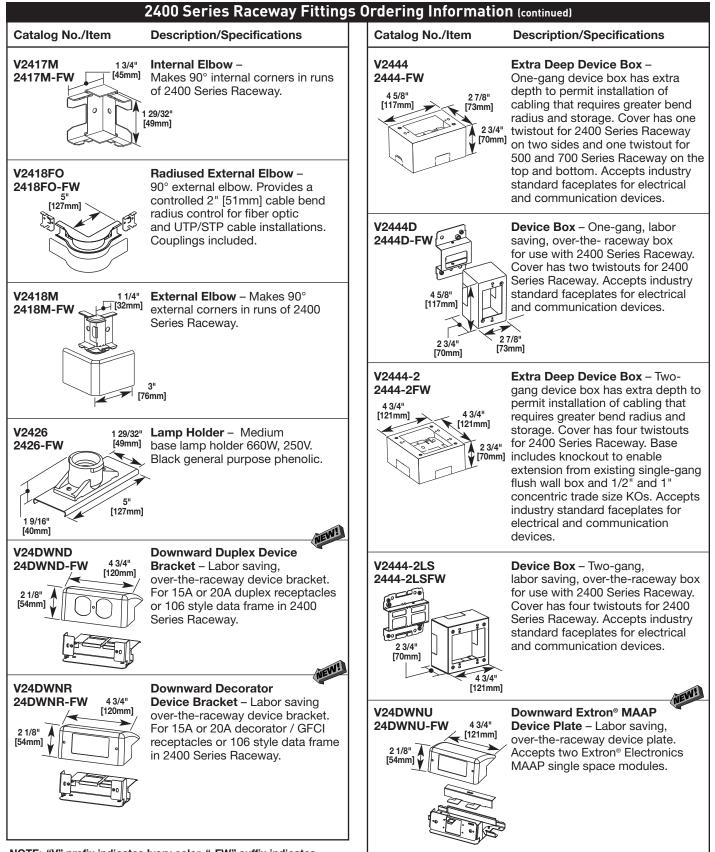
\*For additional information refer to Technical Section of Wiremold Product Guide.

2400 Raceway Wire Fill Capacities for Communications					
		O.D. (Appro			
	CABLE/WIRE SIZE	Inches	[mm]	40% FILL**	
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] [8.9] [10.4]	19 16 11 5 4	
COAXIAL	RG6/U	0.270	[6.9]	9	
FIBER	ZipCord Round 4 Strand Fiber Round 6 Strand Fiber	0.118 x 0.236 0.187 0.256	[3 x 6] [4.8] [6.5]	20 20 10	

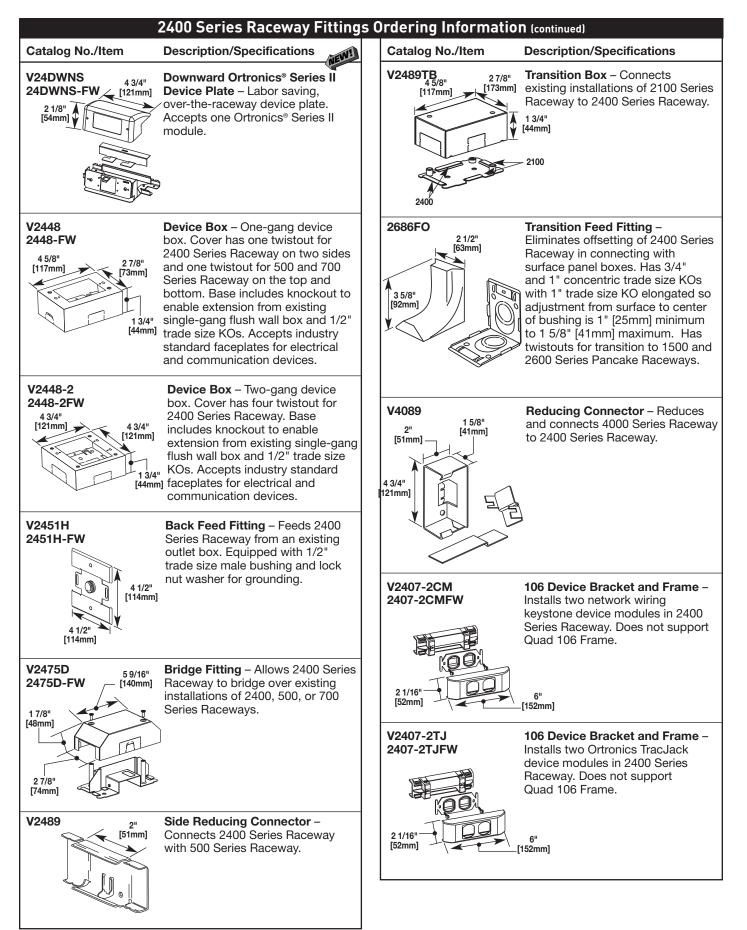
	2400 Series Raceway Base &	Cover Or	dering Info	rmation
Catalog No./Item	Description/Specifications	Catalog N	o./Item	Description/Specifications
V2400B V2400B-10 2400B-FW 2400B-10FW	400B-10steel; packed twenty 5' [1.5m]00B-FWlengths per carton, or ten 10'		0/32" mm]	Raceway Cover – .040" [1.0mm] steel; packed twenty 5' [1.5m] lengths per carton.
1 29/32" [48mm]		624		<b>2400 Raceway Base &amp; Cover</b> <b>Cutter</b> – Portable cutter for 2400 & 2400D Series Raceway Base and
V2400BC 2400BC-FW 7/8"	Raceway Base & Cover – .040" [1.0mm] steel. Packed ten 5' [1.5m] lengths of base and cover per carton.			Cover. Provides a clean and easy square cut every time.
[22.2mm]		624BCK		<b>Replacement Blade Kit</b> – Replacement blades and die set for 624 Cutter.
[48mm]		IWE-S DVWE-S		<b>Spray Paint</b> – Used for touching up large areas. Available in Ivory (IWE-S) or Fog White (DVWE-S). Contains 12 oz. of paint.
			Cilegend Verret	NOTE: Can only be shipped via ground transportation.
		IWE-P DVWE-P		<b>Touch-Up Paint Pen</b> – Used for touching up small areas. Available in Ivory (IWE-P) or Fog White (DVWE-P). Contains 0.3 oz. of paint



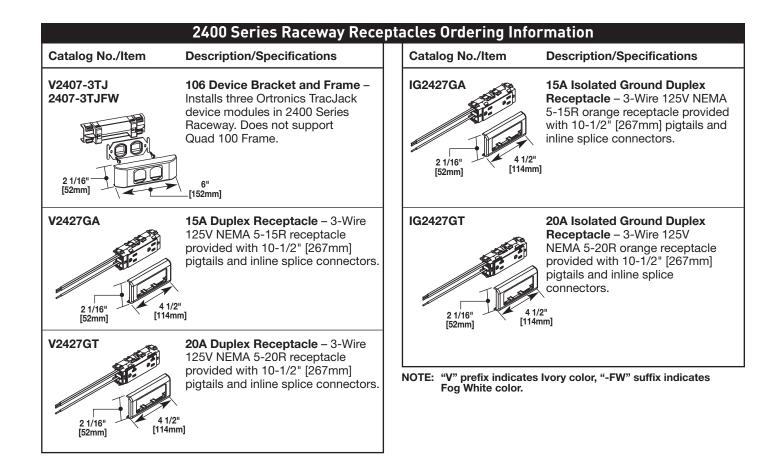
NOTE: "V" prefix indicates Ivory color, "-FW" suffix indicates Fog White color.

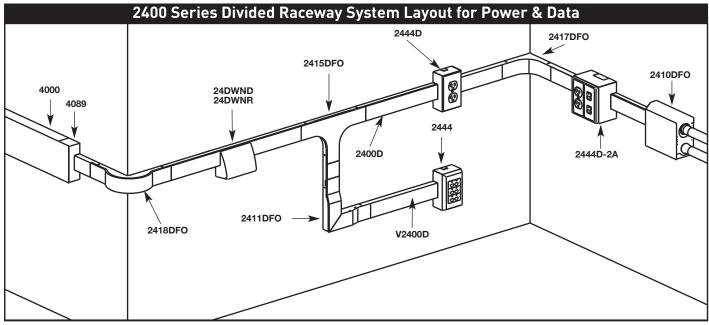


NOTE: "V" prefix indicates Ivory color, "-FW" suffix indicates Fog White color.



NOTE: "V" prefix indicates Ivory color, "-FW" suffix indicates Fog White color.





NOTE: Illustration is for product applications and may not represent proper circuit wiring. Color prefix is not included in part number identification.

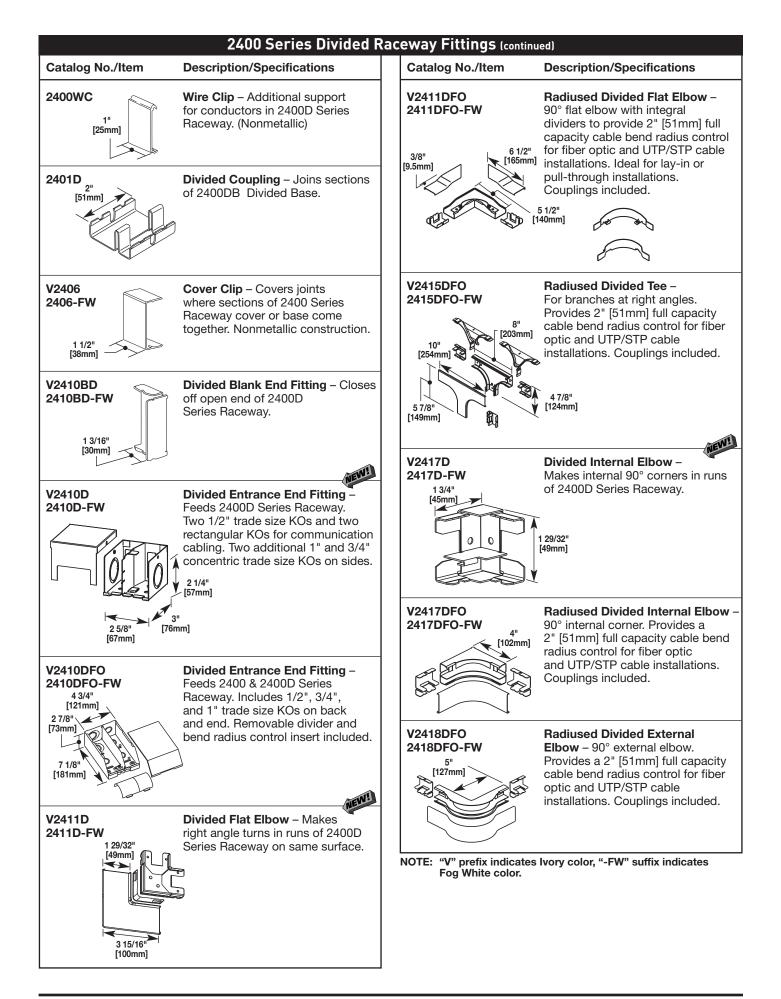
# 2400 Series Divided Raceway Wire Fill Capacities

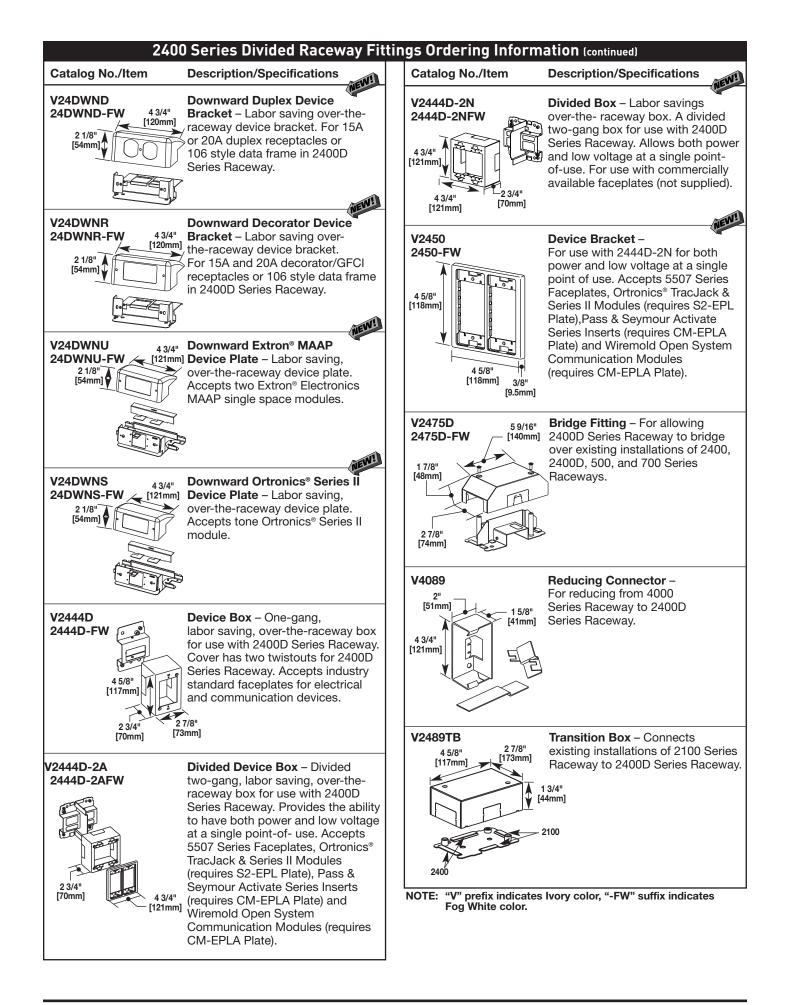
2400 Series Divided Raceway Wire Fill Capacities for Power					2400D
WIRE SIZE	0.	D.	NUMBER OF COND	UCTORS (40% FILL)	
THHN/THWN	Inches	[mm]	1/3 COMP.	2/3 COMP.	7/8" 864in <sup>2</sup>
14 AWG	0.111	[2.8]	11	26	[22mm]
12 AWG	0.130	[3.3]	9	19	
10 AWG	0.164	[4.2]	6	11	1 29/32"
For additional infor	mation refer to	Technical Section	n of Wiremold Product Gui	de.	374in.² [48mm] [241mm²]

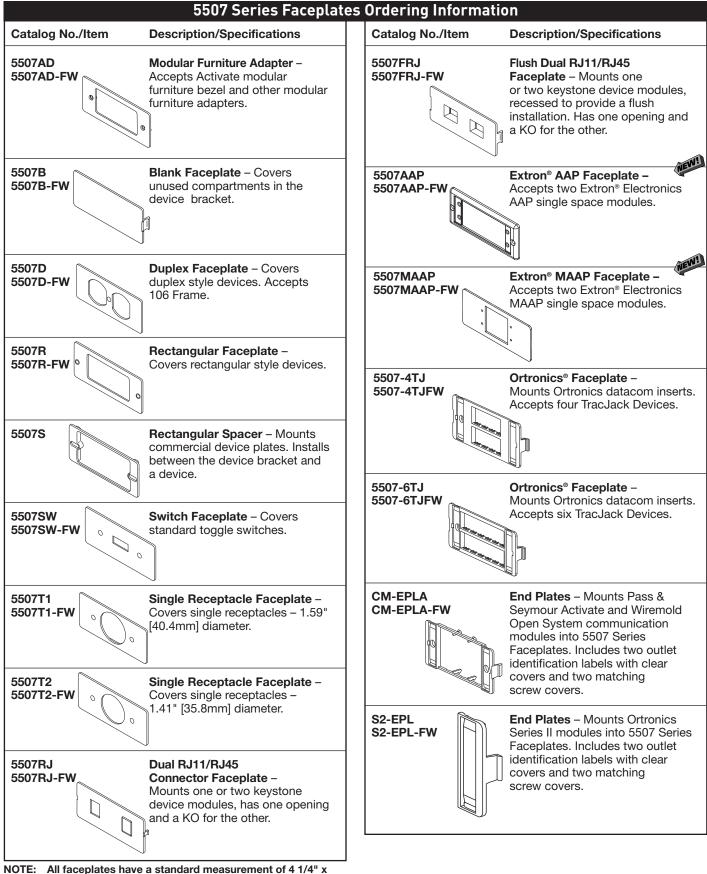
\*For additional information refer to Technical Section of Wiremold Product Guide.

	2400 Series Divided Raceway Wire Fill Capacities for Communications					
	CABLE/WIRE SIZE		orox Dia.) [mm]	1/3 COMPARTMENT 40% FILL	2/3 COMPARTMENT 40% FILL**	
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] [8.9] [10.4]	5 4 3 1 1	12 9 7 3 2	
COAXIAL	RG6/U	0.270	[6.9]	2	6	
FIBER	ZipCord Round 4 Strand Fiber Round 6 Strand Fiber	0.118 x 0.236 0.187 0.256	[3 x 6] [4.8] [6.5]	5 5 2	12 12 6	

Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
V2400BD 2400BD-FW 1 29/32" [48mm]	<b>Divided Raceway Base</b> – .040" [1.0mm] steel; divided into 1/3 and 2/3 compartments. Packed ten 10' [3.0m] lengths per carton.	624	<b>2400 Raceway Base &amp; Cover</b> <b>Cutter</b> – Portable cutter for 2400 & 2400D Series Raceway Base and Cover. Provides a clean and easy square cut every time.
V2400C 2400C-FW	Raceway Cover – .040" [1.0mm] steel; packed twenty 5' [1.5m] lengths per carton.	624BCK	<b>Replacement Blade Kit</b> – Replacement blades and die set for 624 Cutter.
1 29/32" [48mm]		IWE-S DVWE-S	<b>Spray Paint</b> – Used for touching up large areas. Available in Ivory (IWE-S) or Fog White (DVWE-S). Contains 12 oz. of paint.
OTE: "V" prefix indicate Fog White color.	es Ivory color, "-FW" suffix indicates	Biggod	NOTE: Can only be shipped via ground transportation.
		IWE-P DVWE-P	7 Touch-Up Paint Pen – Used for touching up small areas. Available in Ivory (IWE-P) or Fog White (DVWE-P). Contains 0.3 oz. of pain







- 1 7/8" [108mm x 34mm].
- Part number without prefix indicates lvory color,
- "-FW" suffix indicates Fog White color.

# DATACOM CONNECTIVITY OPTIONS

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

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

## **Ortronics® Connectivity**

#### TracJack<sup>®</sup> 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<sup>™</sup> 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

WIREMOLD

- 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.



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













ED874R19 - Updated January 2010 - For latest specs visit www.legrand.us/wiremold

