# **La legrand**<sup>®</sup>

# WIREMOLD® Steel Raceway Systems

# Low Profile, Single & Dual Channel Steel Raceway

2400<sup>®</sup> 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<sup>®</sup> 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.
- 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.
- Communication 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.



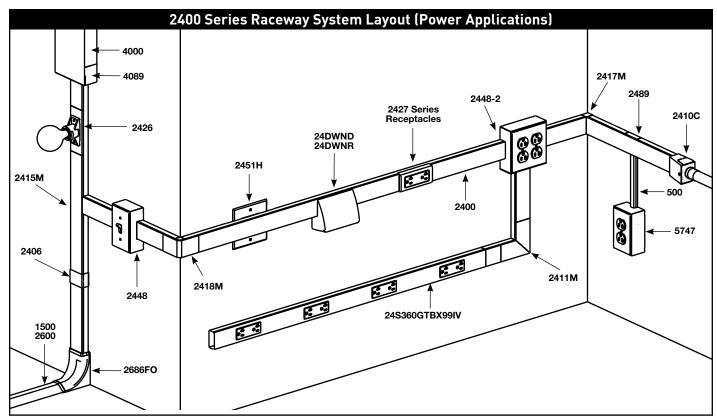


24DWNR Downward Facing Activation shown in a security application.

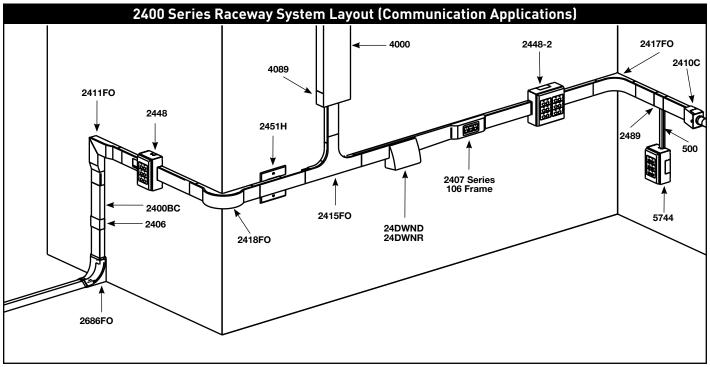
2400 Series Raceway shown with our new 2444D-2N Divided Device Box in a typical classroom application.



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.



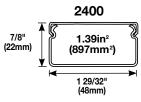
NOTE: Illustration is for product applications and may not represent proper circuit wiring. Color prefix is not included in part number identification.



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

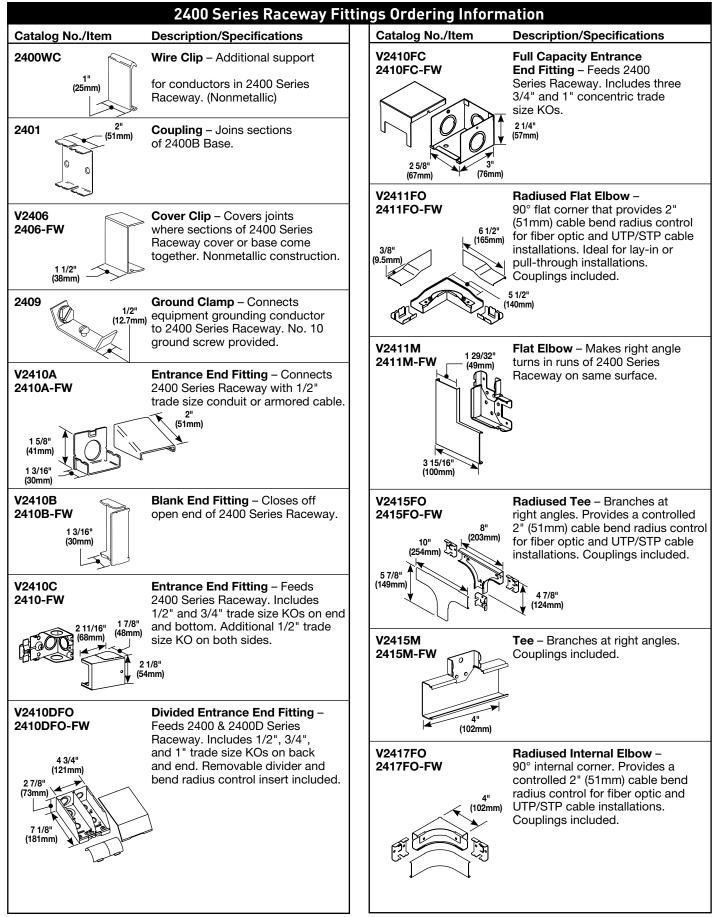
		2400 Ra	ceway Wire I	Fill Capacities for Pow	Capacities for Power*					
WIRE SIZE O.D.				NUMBER OF CONDUCTORS (40% WITHOUT WITH 242		_				
	THHN/THWN	Inches	.D. (mm)	DEVICES	RECEPTACLE					
	14 AWG	0.111	(2.8)	57	12					
	12 AWG	0.130	(3.3)	41	9					
	10 AWG	0.164	(4.2)	26	-					



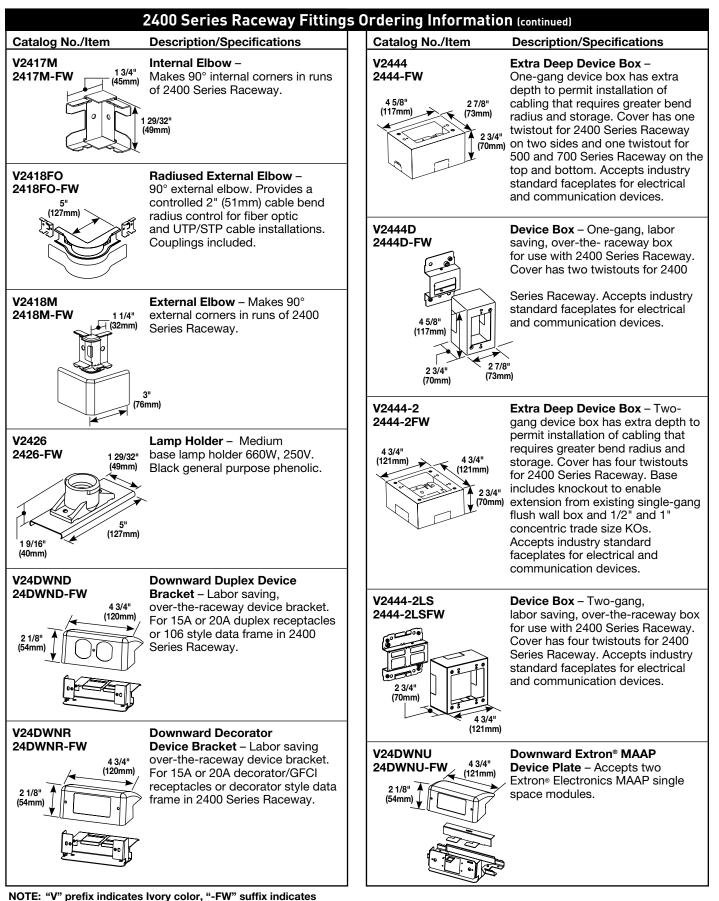
\*For additional information, refer to Technical Section in the current version of the Wiremold Catalog.

2400 Raceway Wire Fill Capacities for Communications					
			O.D. (Approx Dia.)		
	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	

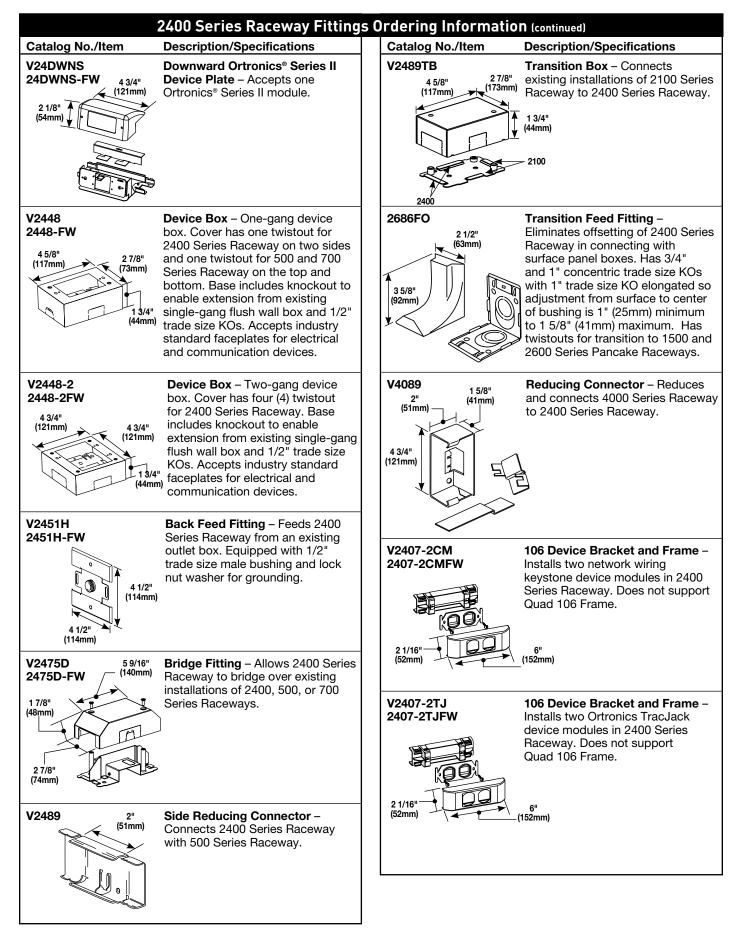
	2400 Series Raceway Base	& Cover Ordering In	formation
Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
V2400B V2400B-10 2400B-FW 2400B-10FW	Raceway Base – .040" (1.0mm) steel; packed twenty 5' (1.5m) lengths per carton, or ten 10' (3.0m) lengths per carton.	V2400C 2400C-FW 1 29/32" (48mm)	Raceway Cover – .040" (1.0mm) steel; packed twenty 5' (1.5m) lengths per carton.
1 29/32" (48mm) /2400BC 2400BC-FW	Raceway Base & Cover – .040" (1.0mm) steel. Packed ten 5' (1.5m)	624	2400 Raceway Base & Cover Cutter – Portable cutter for 2400 & 2400D Series Raceway Base a Cover. Provides a clean and easy square cut every time.
7/8" (22.2mm)	lengths of base and cover per carton.	624BCK	Replacement Blade Kit – Replacement blades and die set for 624 Cutter.
1 29/32" (48mm) IOTE: "V" prefix indica Fog White color.	tes Ivory color, "-FW" suffix indicates	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.
			NOTE: Can only be shipped via ground transportation.
		IWE-P DVWE-P	<b>Touch-Up Paint Pen</b> – Used for touching up small areas. Availabl in Ivory (IWE-P) or Fog White (DVWE-P). Contains 0.3 oz. of pa



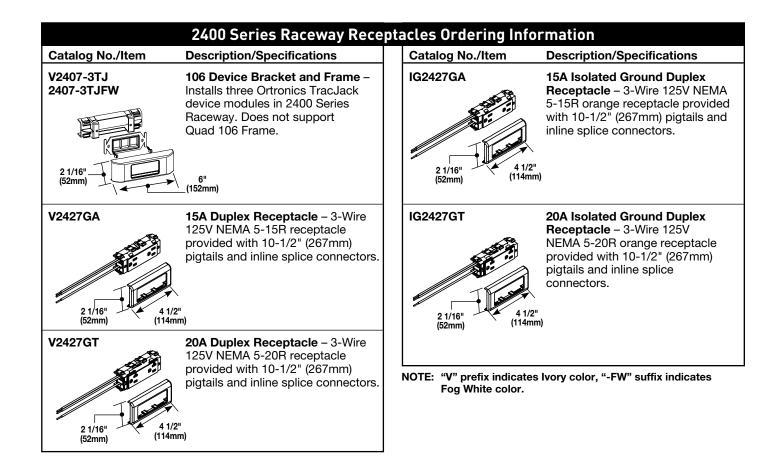
NOTE: "V" prefix indicates Ivory color, "-FW" suffix indicates Fog White color.

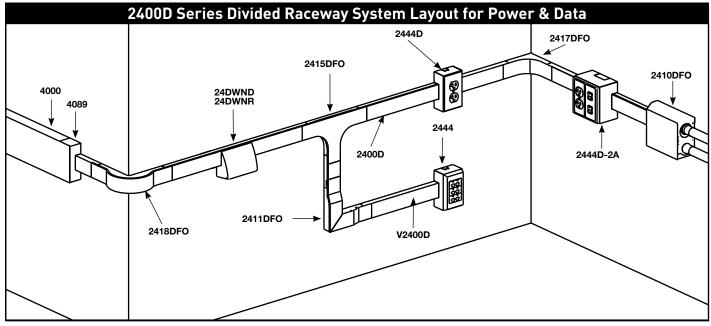


Fog White color.



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.

### 2400D Series Divided Raceway Wire Fill Capacities

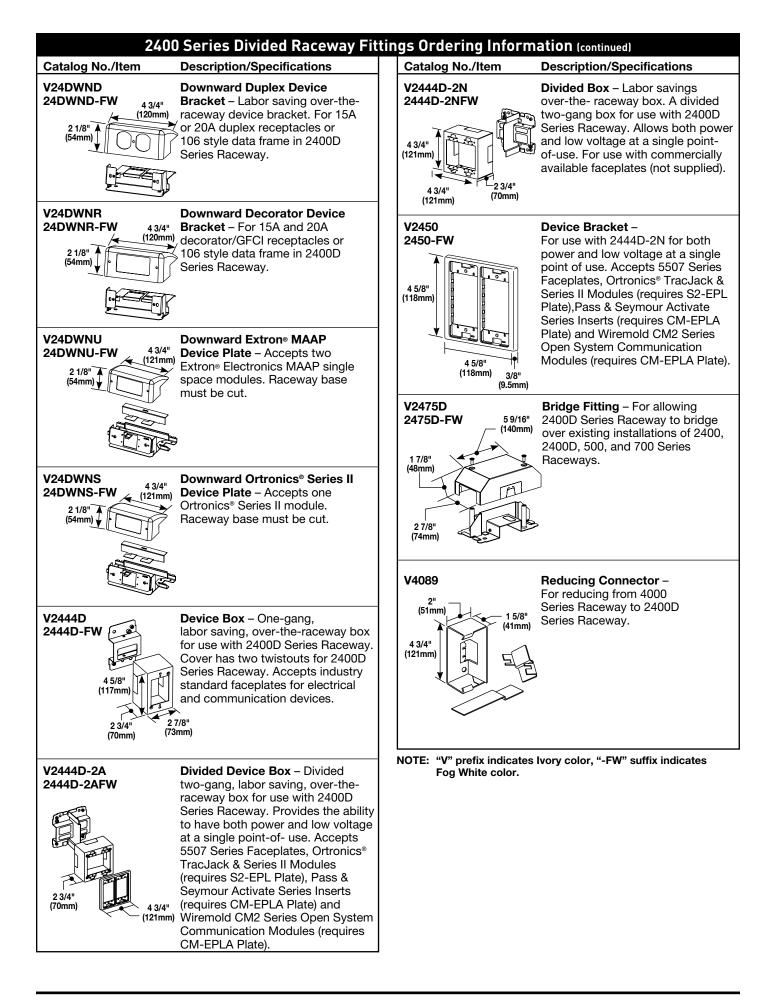
2400D	Series Divid	ded Racewa	y Wire Fill Capacitie	es for Power	2400D	
WIRE SIZE	0.	D.	NUMBER OF COND	UCTORS (40% FILL)		5))
THHN/THWN	Inches	(mm)	1/3 COMP.	2/3 COMP.	7/8" 864in <sup>2</sup>	Ĩ
14 AWG	0.111	(2.8)	11	26	(22mm) (558mm²)	
12 AWG	0.130	(3.3)	9	19	¥	
10 AWG	0.164	(4.2)	6	11	.374in. <sup>2</sup> 1 29/32"	
or additional infor	mation refer to	Technical Sectio	n of Wiremold Product Gu	ide.	(241mm <sup>2</sup> ) (48mm)	

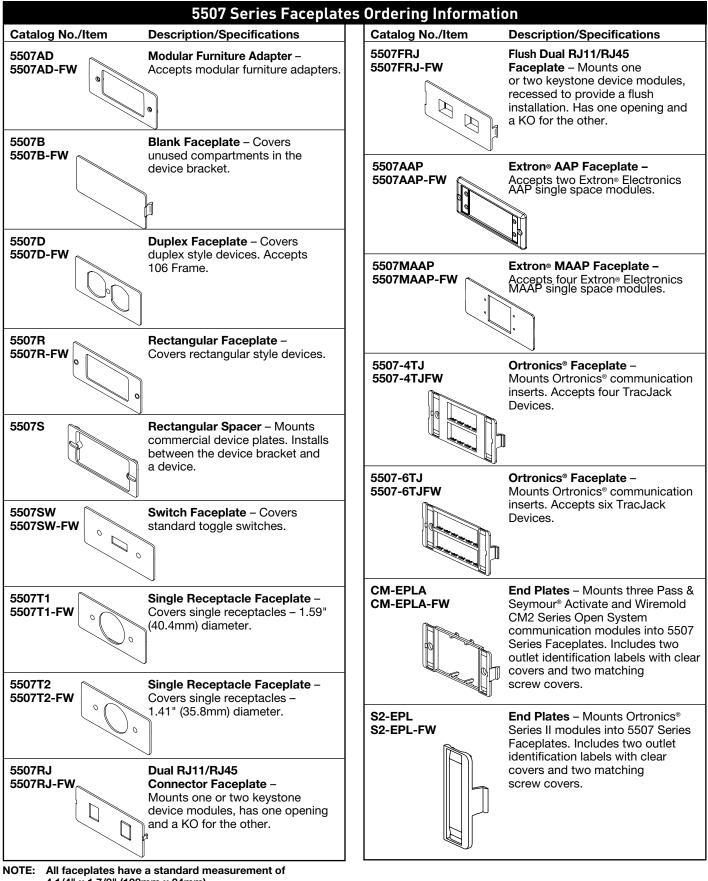
\*For additional information refer to Technical Section of Wiremold Product Guide.

2400D Series Divided Raceway Wire Fill Capacities for Communications							
CABLE/WIRE SIZE		O.D. (Approx Dia.) Inches (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 6	0.190 0.210 0.250 0.354	(4.8) (5.3) (6.3) (8.9)	5 4 3 1	12 9 7 3		
0000	25-Pair, 24 AWG	0.410	(10.4)	1	2		
FIBER	RG6/U ZipCord Round 4-Strand Fiber Round 6-Strand Fiber	0.270 0.118 x 0.236 0.187 0.256	(6.9) (3 x 6) (4.8) (6.5)	2 5 5 2	6 12 12 6		

talog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
400BD 00BD-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-FWRaceway Cover040" (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.
	es Ivory color, "-FW" suffix indicates	Liegand	NOTE: Can only be shipped via ground transportation.
Fog White color.		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 pai

	2400D Series Divided F	Raceway Fittings (conti	nued)
Catalog No./Item	Description/Specifications	Catalog No./Item	Description/Specifications
2400WC (25mm)	Wire Clip – Additional support for conductors in 2400D Series Raceway. (Nonmetallic)	V2411DFO 2411DFO-FW	Radiused Divided Flat Elbow – 90° flat elbow with integral dividers to provide 2" (51mm) full capacity cable bend radius control for fiber optic and UTP/STP cable
2401D 2" (51mm)	<b>Divided Coupling</b> – Joins sections of 2400DB Divided Base.	3/8" (9.5mm) (	<ul> <li>installations. Ideal for lay-in or pull-through installations. Couplings included.</li> <li>5 1/2" (140mm)</li> </ul>
V2406 2406-FW 11/2" (38mm) V2410BD 2410BD-FW 13/16" (30mm)	Cover Clip – Covers joints where sections of 2400 Series Raceway cover or base come together. Nonmetallic construction. Divided Blank End Fitting – Closes off open end of 2400D Series Raceway.	V2415DFO 2415DFO-FW 10" (254mm) 5 7/8" (149mm)	Radiused Divided Tee – For branches at right angles. Provides 2" (51mm) full capacity cable bend radius control for fiber optic and UTP/STP cable installations. Couplings included.
V2410D 2410D-FW	Divided Entrance End Fitting – Feeds 2400D Series Raceway. Two 1/2" trade size KOs and two rectangular KOs for communication cabling. Two additional 1" and 3/4" concentric trade size KOs on sides.	V2417D 2417D-FW 1 3/4" (45mm)	Divided Internal Elbow – Makes internal 90° corners in runs of 2400D Series Raceway.
2 5/8" (67mm) V2410DFO 2410DFO-FW 4 3/4" (121mm) 2 7/8"	" mm)  Divided Entrance End Fitting – Feeds 2400 & 2400D Series Raceway. Includes 1/2", 3/4", and 1" trade size KOs on back and end. Removable divider and bend radius control insert included.	V2417DFO 2417DFO-FW 4" (102mm)	<b>Radiused Divided Internal Elbow</b> 90° internal corner. Provides a 2" (51mm) full capacity cable bend radius control for fiber optic and UTP/STP cable installations. Couplings included.
7 1/8" (181mm) V2411D 2411D-FW (49mm)	<b>Divided Flat Elbow</b> – Makes right angle turns in runs of 2400D Series Raceway on same surface.	V2418DFO 2418DFO-FW	Radiused Divided External Elbow – 90° external elbow. Provides a 2" (51mm) full capacity cable bend radius control for fiber optic and UTP/STP cable installations. Couplings included.
(49mm) 4 4 3 3 15/16" (100mm)		NOTE: "V" prefix indicate Fog White color.	s Ivory color, "-FW" suffix indicates





- 4 1/4" x 1 7/8" (108mm x 34mm).
- Part number without prefix indicates lvory color,
- "-FW" suffix indicates Fog White color.

#### NOTES



#### **Electrical Wiring Systems**

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570 Applewood Crescent Vaughan, Ontario L4K 4B4 Phone:905.738.9195 www.legrand.ca

## **Mouser Electronics**

Authorized Distributor

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#### Wiremold:

2400B-10FW 2400BC-FW 2400BD-FW 2400B-FW 2400C-FW 2400WC 2401 2401D 2406-FW 2407-2CMFW 2407-2TJFW 2407-3TJFW 2409 2410A-FW 2410BD-FW 2410B-FW 2410C-FW 2410C-WH 2410DFO-FW 2410DFO-FW 2410DFO-FW 2411DFO-FW 24117D-FW 24117M-FW 2418DFO-FW 2418FO-FW 2418M-FW 2426-FW 2444-2FW 2444-2LSFW 2444D-2AFW 2444D-2NFW 2444D-FW 2444-FW 2448-2FW 2448-FW 2448-WH 2450-FW 2451H-FW 2451H-WH 2475D-FW 24DWND-FW 24DWNR-FW IG2427GA IG2427GT V2406 V2407-2CM V2407-2TJ V2407-3TJ V2410BD V2410C V2410D V2410DFO V2410FC V2411D V2411DFO V2411FO V2415DFO V2415FO V2417D V2417DFO V2417M V2418DFO V2418FO V2418M V2426 V2427GA V2427GT V2444 V2444-2 LS V2444-D V2444D-2A V2444D-2N V2448 V2450 V2451H V2475D V2489 V24DWND V24DWNR V24GB506 V24GB512 V24GB612 V24GB618 V24GBA512 V24GBA612 2410B-BK 2410C-BK 2451H-BK 2410B-WH 2427GT-FW