

# 2400 SERIES™ RACEWAY



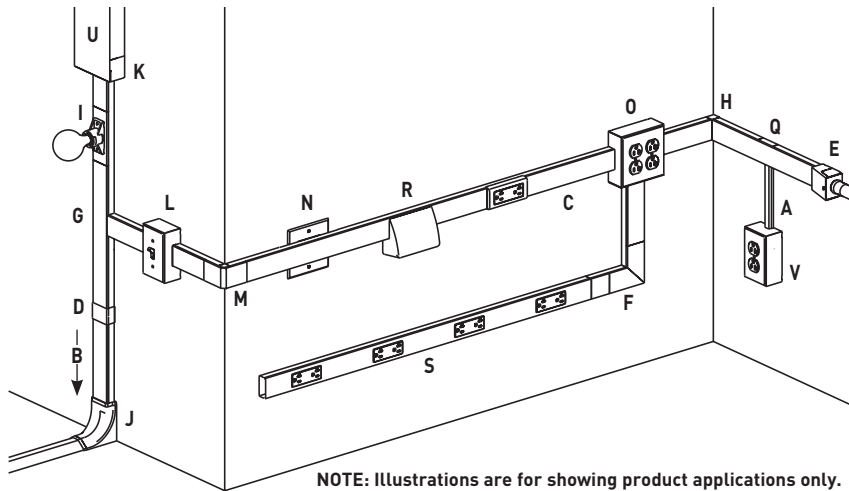
Single Channel Raceway . Easy-to-install and ideal for basic power or communication/low voltage installations in classrooms, hotels, and anywhere a low profile raceway solution is needed.

## CODE REFERENCE

**cULus Listed Raceway:**  
File E4376 Guide RJBT.

**Fittings:**  
File E41751 Guide RJPR.  
Meets Article 386 of NEC.  
Meets Section 12-1600 of CEC.

## 2400 Series Raceway System Layout for Power

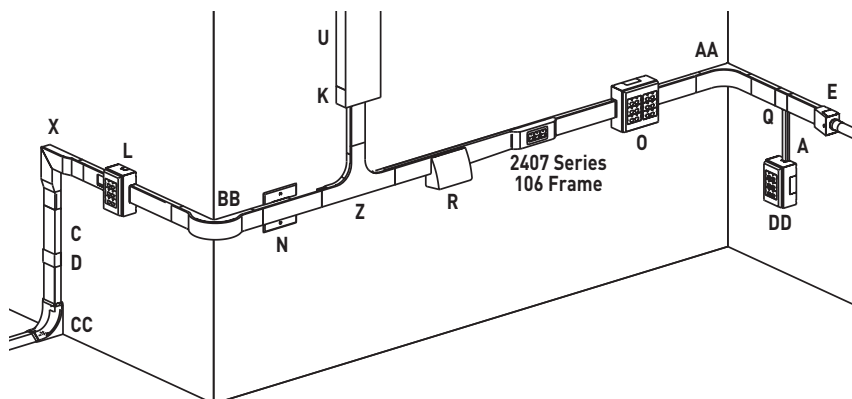


NOTE: Illustrations are for showing product applications only.

## KEY

- A. 500 Series Raceway
- B. 1500/2600 Raceway Feed
- C. 2400 Series Raceway
- D. 2406 Cover Clip
- E. 2410C Entrance End Fitting
- F. 2411M Flat Elbow Fitting
- G. 2415M Tee Fitting
- H. 2417M Internal Elbow Fitting
- I. 2426 Lamp Holder
- J. 2686FO Transition Fitting
- K. 4089 Reducing Connector
- L. 2448 One-Gang Device Box
- M. 2418M External Elbow Fitting
- N. 2451H Back Feed Fitting
- O. 2448-2 Two-Gang Device Box
- P. 2475D Bridge Fitting
- Q. 2489 Reducing Adapter
- R. 24DWND Downward Duplex Device Bracket  
24DWNR Downward Decorator Device Bracket
- S. 24S7218GBX99IV 2400 Series Plugmold Strip
- U. U4000 Series Raceway
- V. 5747 Shallow Switch Box
- W. 2400BC 2400 Series Raceway
- X. 2411FO Radiused Flat Elbow
- Y. 2415H Back Feed Fitting
- Z. 2415FO Radiused Tee Fitting
- AA. 2417FO Radiused Internal Elbow
- BB. 2418FO Radiused External Elbow
- CC. 2686FO Transition Feed Fitting
- DD. 5744 Extra Deep Device Box

## 2400 Series Raceway System Layout for Communications



## COLOR OPTIONS



2400 Series™ Raceway Part Numbers with a "V" prefix have an ivory finish. Part Numbers with a "-FW" suffix have a fog white finish.

Custom color options are also available. Consult the factory for more information.

# 2400 SERIES™ RACEWAY

## 2400 Series Raceway Wire Fill Capacities for Communications

	CABLE/WIRE SIZE	O.D. (APPROX. DIA.)		40% FILL
		Inches	[mm]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	19
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	16
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	11
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	5
	25-pair, 24 AWG	0.410	[10.4]	4
COAXIAL	RG6/U	0.270	[6.9]	9
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	20
	Round 4 Strand Fiber	0.187	[4.8]	20
	Round 6 Strand Fiber	0.256	[6.5]	10

## 2000 Series Raceway Wire Fill Capacities For Power

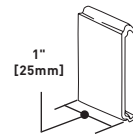
WIRE SIZE	O.D.		NO. OF CONDUCTORS (40%)	
	Inches	[mm]	WITHOUT DEVICES	WITH 2427 RECEPTACLE
THHN/THWN				
14 AWG	0.111	[2.8]	57	12
12 AWG	0.130	[3.3]	41	9
10 AWG	0.164	[4.2]	26	0

**NOTE:** For additional information, refer to the Technical Section.

\* Category 6 augmented (6a) cable for 10 gigabit ethernetmax allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

## 2400 Series Raceway Fittings Ordering Information

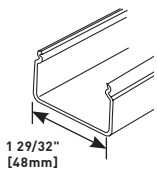
### 2400WC Wire Clip



Additional support for conductors. (Nonmetallic)

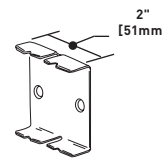
## 2400 Series Raceways Ordering Information

### V2400B, V2400B-10, 2400B-FW, 2400B-10FW Raceway Base



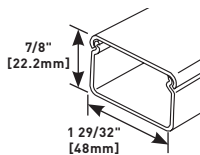
.040" [1.0mm] steel, 5' [1.5m] lengths. Packed twenty 5' [1.5m] lengths per carton (V2400B, 2400B-FW) or ten 10' [3m] lengths per carton (V2400B-10, 2400B-10FW).

### 2401 Coupling



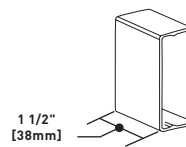
Joins lengths of 2400B Base together.

### V2400BC, 2400BC-FW Raceway Base & Cover



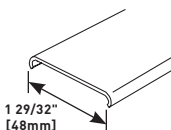
.040" [1.0mm] steel. Packed ten 5' [1.5m] lengths of base and cover per carton.

### V2406, 2406-FW Cover Clip



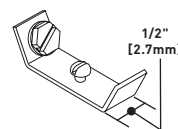
Covers seams where two lengths of 2400 Series Raceway come together (nonmetallic).

### V2400C, 2400C-FW Raceway Cover



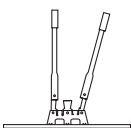
.040" [1.0mm] steel; packed twenty 5' [1.5m] lengths per carton.

### 2409 Ground Clamp



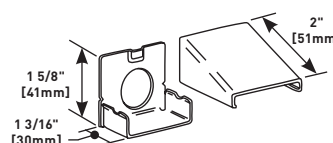
Connects equipment grounding conductor to provide ground to 2400 Series Raceway. No. 10 ground screw provided.

### 624 2400 Series Raceway Base & Cover Cutter



Portable cutter for 2400 & 2400D Series Raceway Base and Cover. Provides a clean and easy square cut every time.

### V2410A, 2410A-FW Entrance End Fitting



Connects 2400 Series Raceway with 1/2" trade size conduit or armored cable.

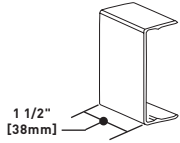
### 624BCK Replacement Blade Kit

Case hard steel replacement blades and die set for 624 Cutter.

# 2400D SERIES™ RACEWAY

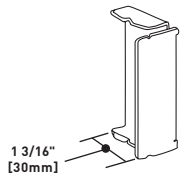
## 2400D Series Raceway Fittings Ordering Information (continued)

### V2406, 2406-FW Cover Clip



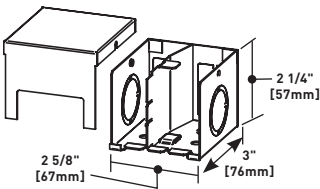
Covers seam where two lengths of 2400D Series Raceway come together (nonmetallic).

### V2410BD, 2410BD-FW Divided Blank End Fitting



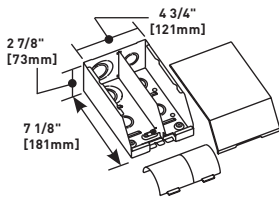
Closes off open end of 2400D Series Raceway.

### V2410D, 2410D-FW Divided Entrance End Fitting



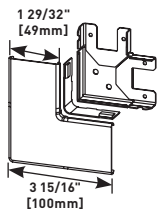
Feeds 2400D Series Raceway. Back has two 1/2" trade size KOs and two rectangular KOs for communication cabling. Additional 1" and 3/4" concentric trade size KO on each side.

### V2410DFO, 2410DFO-FW Divided Entrance End Fitting



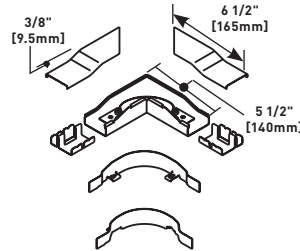
Feeds 2400 & 2400D Series Raceway. Includes 1/2", 3/4", and 1" trade size KOs on back and end. Removable/ adjustable divider and radiused insert included

### V2411D, 2411D-FW Divided Flat Elbow



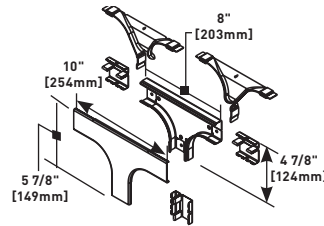
Right angle turns on the same surface.

### V2411DFO, 2411DFO-FW Radiused Divided Flat Elbow



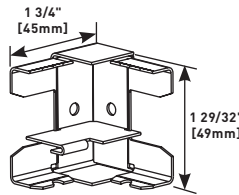
90° flat elbow with integral dividers. Provides 2" [51mm] full capacity cable bend radius control for fiber optic and UTP/STP cable installations. Ideal for lay-in or pull-through installations. Two couplings included.

### V2415DFO, 2415DFO-FW Radiused Divided Tee



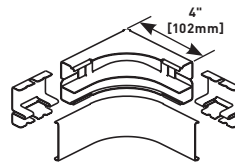
For branching raceway at right angles. Provides 2" [51mm] cable bend radius control for fiber optic and UTP/STP cable installations. Couplings included.

### V2417D, 2417D-FW Divided Internal Elbow



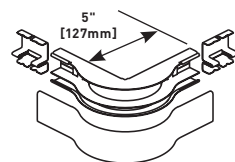
Internal 90° corners.

### V2417DFO, 2417DFO-FW Radiused Divided Internal Elbow



90° internal corner provides 2" [51mm] cable bend radius control for fiber optic and UTP/STP cable installations. Two couplings included.

### V2418DFO, 2418DFO-FW Radiused Divided External Elbow



90° external elbow provides 2" [51mm] cable bend radius control for fiber optic and UTP/STP cable installations. Two couplings included.