

# 2400 SERIES™ RACEWAY



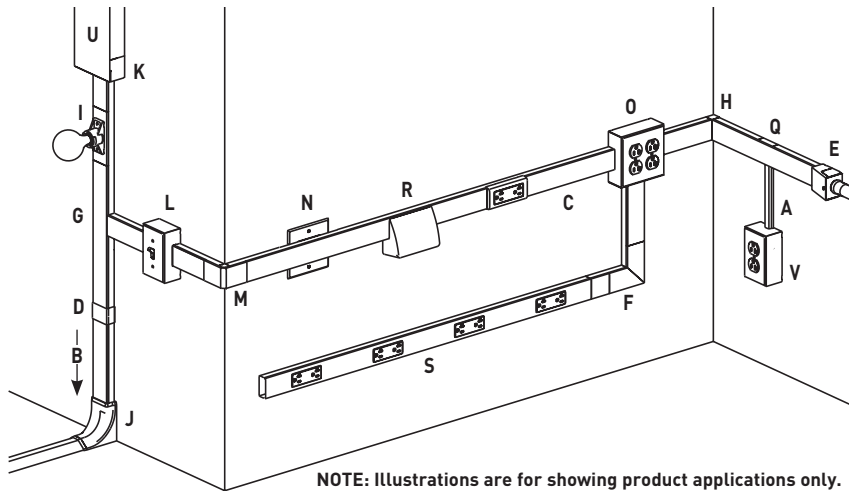
Single Channel Raceway . Easy-to-install and ideal for basic power or communication/low voltage installations in classrooms, hotels, and anywhere a low profile raceway solution is needed.

## 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

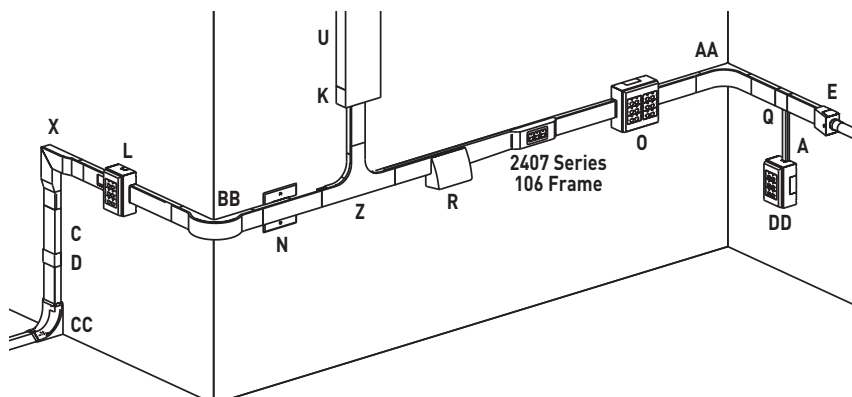


NOTE: Illustrations are for showing product applications only.

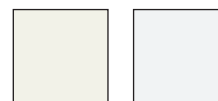
## KEY

- 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

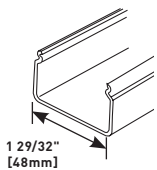
| WIRE SIZE | O.D.   |       | NO. OF CONDUCTORS (40%) |                      |
|-----------|--------|-------|-------------------------|----------------------|
|           | Inches | [mm]  | WITHOUT DEVICES         | WITH 2427 RECEPTACLE |
| THHN/THWN |        |       |                         |                      |
| 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.

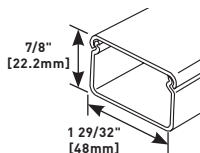
## 2400 Series Raceways Ordering Information

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



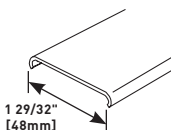
.040" [1.0mm] steel, 5' [1.5m] lengths. Packed twenty 5' [1.5m] lengths per carton (V2400B, 2400B-FW) or ten 10' [3m] lengths per carton (V2400B-10, 2400B-10FW).

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



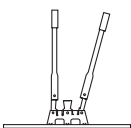
.040" [1.0mm] steel. Packed ten 5' [1.5m] lengths of base and cover per carton.

### V2400C, 2400C-FW Raceway Cover



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

### 624 2400 Series Raceway Base & Cover Cutter



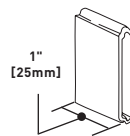
Portable cutter for 2400 & 2400D Series Raceway Base and Cover. Provides a clean and easy square cut every time.

### 624BCK Replacement Blade Kit

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

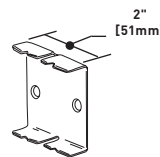
## 2400 Series Raceway Fittings Ordering Information

### 2400WC Wire Clip



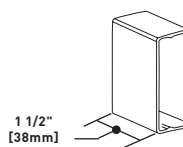
Additional support for conductors. (Nonmetallic)

### 2401 Coupling



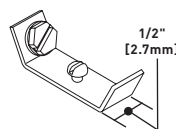
Joins lengths of 2400B Base together.

### V2406, 2406-FW Cover Clip



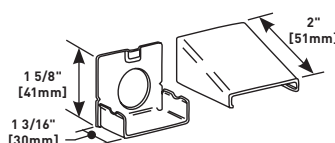
Covers seams where two lengths of 2400 Series Raceway come together (nonmetallic).

### 2409 Ground Clamp



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

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

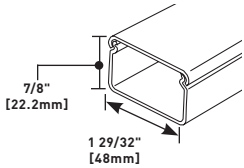


Connects 2400 Series Raceway with 1/2" trade size conduit or armored cable.

# PLUGMOLD® 2400 SERIES™

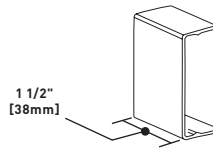
## Plugmold 2400 Series Ordering Information

### V2400BC Base and Cover



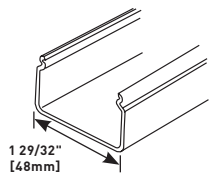
V2400B Base: .040" [1.0mm] steel; V2400C Cover: .025" [.6mm] steel. Packed ten 5' [1.5m] lengths of each per carton.

### V2406 Cover Clip



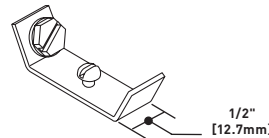
Covers seam where lengths of cover or base meet. Use with Plugmold® 2400 Series. (Nonmetallic.)

### V2400B Raceway Base



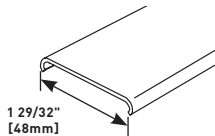
.040" [1.0mm] steel. Packed twenty 5' [1.5m] lengths per carton.

### 2409 Ground Clamp



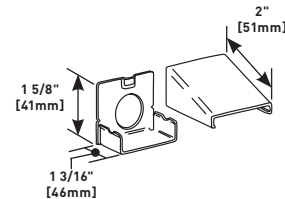
No. 10 ground screw provided. Use with Plugmold® 2400 Series.

### V2400C Raceway Cover



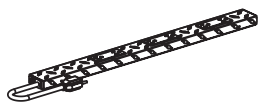
.040" [1.0mm] steel 5' [1.5m] lengths. Packed (20) 5' [1.5m] lengths per carton. V2400C Cover has no receptacle hole cuts.

### V2410A Entrance End Fitting



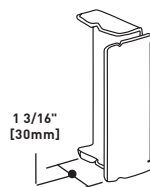
Connects Plugmold® 2400 Series with 1/2" trade size conduit and armored cable.

### PM48T Multiple Outlet Strip (Diamond Plate Finish)



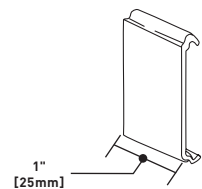
Diamond plate finish base .040" [1.0mm] steel. Cover .040" [1.0mm] steel. 48" [1.2m] length. Provides five duplex 15A receptacles. Packed three per carton. PM48T Merchandiser available – 10 cartons of PM48T packed in a merchandising display. Order as PM48T-DISP.

### V2410B Blank End Fitting



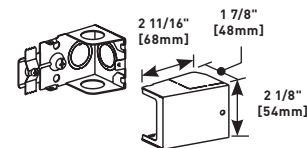
Closes off open end of Plugmold® 2400 Series.

### 2400WC Wire Clip



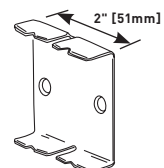
Holds conductors in place in raceway.

### V2410C Entrance End Fitting



Has 1/2" and 3/4" trade size KOs on end and bottom. Additional 1/2" trade size KO on sides.

### 2401 Coupling



Joins lengths of raceway. Use with Plugmold® 2400 Series.