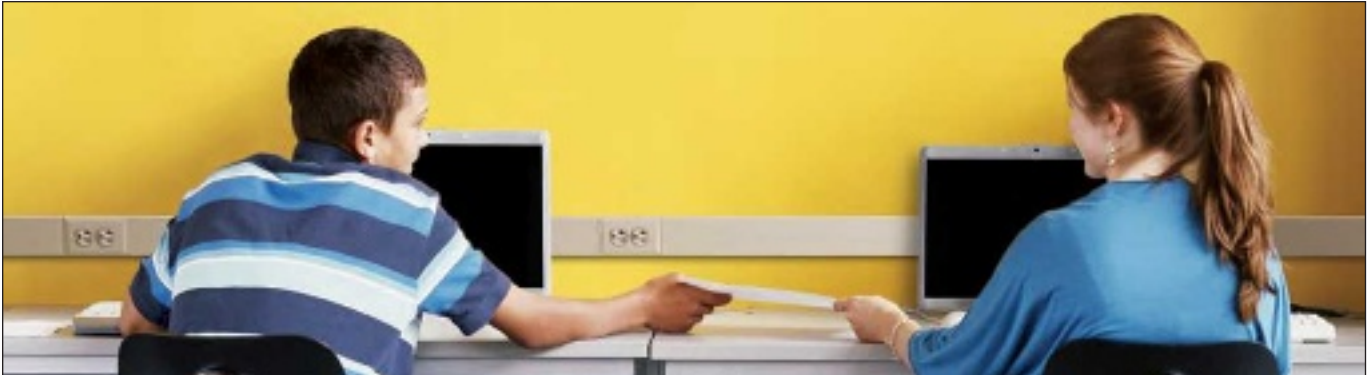


# 3000® SERIES RACEWAY



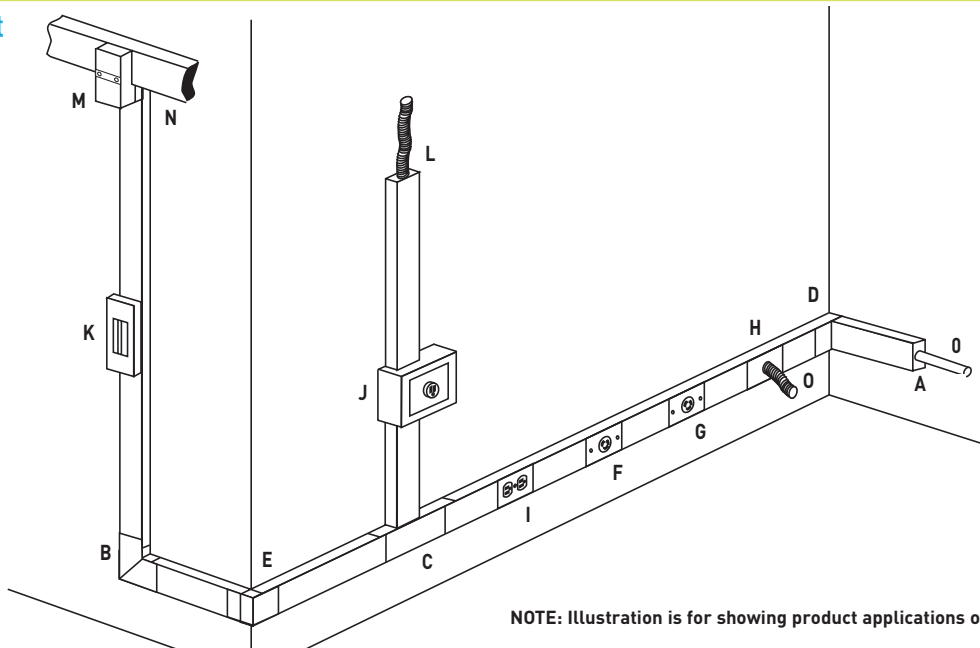
Single-Channel Raceway. Easy-to-install and ideal for basic power or communication/low voltage installations. Well-suited for labs, hospitals, or anywhere that requires the capacity of a medium size raceway.

## 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.

## System Layout



NOTE: Illustration is for showing product applications only.

## KEY

- |                                     |   |  |   |
|-------------------------------------|---|--|---|
| A. 3010B Blank End Fitting          | F. 3027AE Single Receptacle Cover             | J. 3044-2 Extra Deep Switch & Receptacle Box | M. 4074A Take Off Connector – 4000 to 3000 Series Raceway |
| B. 3011E 90° Flat Elbow             | G. 3033JE Single Receptacle Cover             | K. 3046KD Circuit Breaker Housing            | N. 4000 Series Raceway                                    |
| C. 3015E Tee Fitting                | H. 3036HE Blank Cover                         | L. 3082 Conduit Connector                    | O. CONDUIT 1/2" [12.7mm] Flexible Metal Conduit           |
| D. 3017TCE Internal Corner Coupling | I. 3043GE Duplex Grounding Receptacle & Cover |  |   |
| E. 3018AE External Corner Coupling  |   |  |   |

## COLOR OPTIONS



3000® Series Raceway Part Numbers with a "V" prefix have an ivory finish. Part Numbers with a "G" prefix have a gray finish.

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

# 3000 SERIES<sup>®</sup> RACEWAY

## 3000 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]	52
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	42
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	30
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	15
	25-pair, 24 AWG	0.410	[10.4]	11
COAXIAL	RG6/U	0.270	[6.9]	25
Fiber	ZipCord	0.118 x 0.236	[3 x 6]	53
	Round 4 Strand Fiber	0.187	[4.8]	53
	Round 6 Strand Fiber	0.256	[6.5]	28

## 3000 Series Raceway Wire Fill Capacities for Power

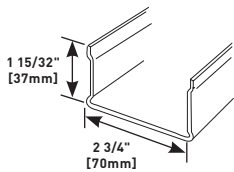
WIRE SIZE THHN/THWN	O.D.		NUMBER OF CONDUCTORS (40% FILL)			
	Inches	[mm]	WITHOUT DEVICES	WITH DUPLEX RECT. DEVICES 1.59in. <sup>2</sup> [1025mm <sup>2</sup> ]	WITH SURGE/GFCI DEVICES 2.30in. <sup>2</sup> [1485mm <sup>2</sup> ]	LARGE SINGLE RECEPTACLES 3.00in. <sup>2</sup> [1935mm <sup>2</sup> ]
14 AWG	0.111	[2.8]	152	70	40	28
12 AWG	0.130	[3.3]	111	51	29	21
10 AWG	0.164	[4.2]	70	32	18	13
8 AWG	0.216	[5.5]	40	18	10	7
6 AWG	0.254	[6.5]	29	13	7	5

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

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

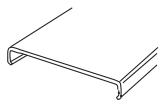
## 3000 Series Raceway Ordering Information

### V3000B, G3000B Raceway Base



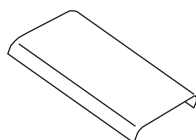
.040" [1.0mm] steel, Packed in ten 10' [3m] lengths, 100' [31m] per carton. Base sections have predrilled 1/2" and 3/4" trade size entrance KOs and 9/32" [7.1mm] diameter mounting screw KOs on approx. 9 3/8" [238mm] centers.

### V3000CE, G3000CE Raceway Cover



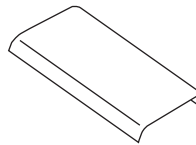
.040" [1.0mm] steel. Packed in twenty 5' [1.5m] lengths, 100' [31m] per carton.

### V3000C075, G3000C075 7.5" [191mm] Precut Raceway Cover



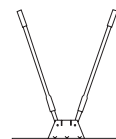
For mounting devices 12" [305mm] on center using 3027AE, 3033JE, 3036HE, 3040CE, 3043, 3046, 3048R, and 3051LE Series Device Plates.

### V3000C195, G3000C195 19.5" [495mm] Precut Raceway Cover



For mounting devices 24" [610mm] on center using 3027AE, 3033JE, 3036HE, 3040CE, 3043, 3046, 3048R, and 3051LE Series Device Plates.

### 630B Raceway Base Cutter



Portable cutter for 3000 Series Raceway Base. Provides clean and easy square cuts.

### 630BDK Replacement Blade Kit

Case hard steel replacement blades and die set for 630B Cutter.