

## 6000® SERIES RACEWAY



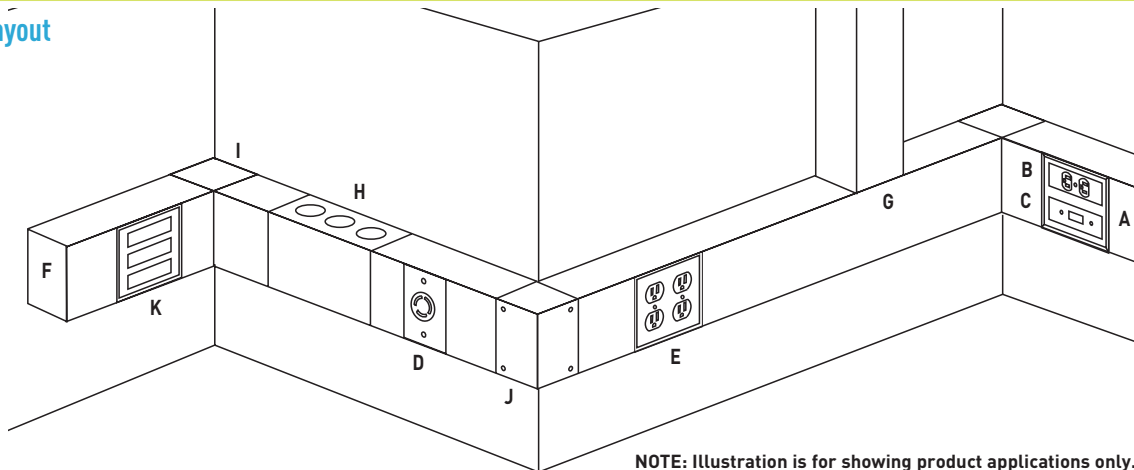
6000 Series Raceway is ideal for all applications requiring high cable capacity.

## 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. 4050 Device Mounting Plate<br>Inserts included | G. 6011TX Combination Flat Elbow                 |
| B. 5507D Duplex Receptacle Faceplate              | H. 6014A Connector Fitting                       |
| C. 5507SW Switch Faceplate                        | I. 6017TX Combination Internal External<br>Elbow |
| D. 6007C-1 Single-Gang Device Plate               | J. 6017TX Inverted to External Elbow             |
| E. 6007C-2 Two-Gang Device Plate                  | K. 6046KD Circuit Breaker Housing                |
| F. 6010B Blank End Fitting                        |  |

## COLOR OPTIONS



6000® 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.**

# 6000® SERIES RACEWAY

## 6000 Series Raceway Wire Fill Capacities for Communications

	CABLE/WIRE SIZE	O.D. (APPROX. DIA.)		DIVIDED 40% FILL	UNDIVIDED 40% FILL
		Inches	[mm]		
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	101	225
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	83	184
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	58	130
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	29	65
	25-pair, 24 AWG	0.410	[10.4]	21	48
COAXIAL	RG6/U	0.270	[6.9]	50	111
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	103	230
	Round 4 Strand Fiber	0.187	[4.8]	104	233
	Round 6 Strand Fiber	0.256	[6.5]	55	124

## 6000 Series Raceway Wire Fill Capacities for Power

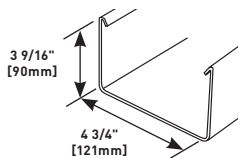
WIRE SIZE THHN/THWN	O.D.		NUMBER OF CONDUCTORS (40% FILL)							
			WITHOUT DEVICES		WITH DUPLEX RECT. DEVICES 1.59in. <sup>2</sup> [1025mm <sup>2</sup> ]		WITH SURGE/ GFCI DEVICES 2.30in. <sup>2</sup> [1485mm <sup>2</sup> ]		LARGE SINGLE RECEPTACLES 3.00in. <sup>2</sup> [1935mm <sup>2</sup> ]	
	Inches	[mm]	Undiv.	Divided	Undiv.	Divided	Undiv.	Divided	Undiv.	Divided
14 AWG	0.111	[2.8]	659	296	528	231	470	202	412	173
12 AWG	0.130	[3.3]	481	216	395	168	342	147	300	126
10 AWG	0.164	[4.2]	303	136	243	106	216	92	189	79
8 AWG	0.216	[5.5]	174	78	140	61	124	53	109	45
6 AWG	0.254	[6.5]	126	56	101	44	89	38	78	33
4 AWG	0.324	[8.2]	77	34	0	0	0	0	0	0
3 AWG	0.352	[8.9]	65	29	0	0	0	0	0	0
2 AWG	0.384	[9.8]	55	24	0	0	0	0	0	0
1AWG	0.446	[11.3]	40	18	0	0	0	0	0	0
1/0 AWG	0.496	[12.3]	34	15	0	0	0	0	0	0
2/0 AWG	0.532	[13.5]	28	12	0	0	0	0	0	0

**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.

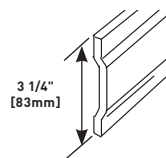
## 6000 Series Raceway Ordering Information

### V6000B-10, G6000B-10 Raceway Base



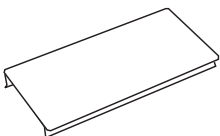
.054" [1.4mm] galvanized steel. Base has two 9/32" dia. trade size KOs, 1 1/4" [32mm] from each end and on centers of approximately 18" [457mm] throughout. Packed 20' [6.1m] per carton. 6000B-10 packed two 10' [3m] lengths.

### G6000DA Raceway Divider



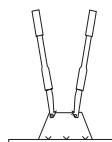
.040" [1.0mm] galvanized steel. One side painted buff primer to provide identification of compartments. Packed four 5' [1.5m] lengths per carton.

### V6000C, G6000C Raceway Cover



.040" [1.0mm] galvanized steel. Packed four 5' [1.5m] lengths per carton. 4000 Series Raceway Cover is also compatible with 6000 Series Raceway Base.

### 660B Raceway Base Cutter



Portable cutter for 6000 Series Raceway Base. Provides clean and easy square cuts.