

# AL3300™ SERIES RACEWAY



Two-piece, single-channel raceway. Satin anodized finish complements decor in commercial offices, laboratories, and health care facilities.

## CODE REFERENCE

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

**Fittings:**  
File E41751 Guide RJPR.

**Raceway & Fittings:**  
Meet Article 386 of NEC.

**Multioutlet Assemblies:**  
Meet Article 380 of NEC.

## AL3300 Series Raceway Wire Fill Capacities for Communications

WIRE SIZE THHN/THWN	O.D. Inches [mm]		CAPACITY OF CROSS SECTIONAL AREA					
			WITH DUPLEX DEVICE			WITHOUT DEVICE		
			WITH OFFSET DIVIDER 1.35 in <sup>2</sup> [871mm <sup>2</sup> ]	WITHOUT DIVIDER 4.40 in <sup>2</sup> [2839mm <sup>2</sup> ]	WITH HALF DIVIDER 2.20 in <sup>2</sup> [1419mm <sup>2</sup> ]	WITH OFFSET DIVIDER 1.35 in <sup>2</sup> [871mm <sup>2</sup> ]	WITHOUT DIVIDER 4.40 in <sup>2</sup> [2839mm <sup>2</sup> ]	WITH HALF DIVIDER 2.20 in <sup>2</sup> [1419mm <sup>2</sup> ]
14 AWG	0.111	[2.8]	59	136	39	59	193	96
12 AWG	0.130	[3.3]	40	93	27	40	132	66
10 AWG	0.164	[4.2]	25	58	17	25	83	41
8 AWG	0.216	[5.5]	14	33	9	14	48	24
6 AWG	0.254	[6.5]	10	24	7	10	34	17

## COLOR OPTIONS



AL3300 Series™ Raceway is available with a satin anodized finish.

# AL3300™ SERIES RACEWAY

## AL3300 Series Raceway Wire Fill Capacities for Power

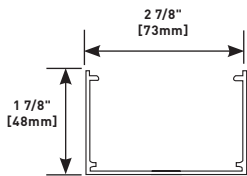
CABLE TYPE	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		WITHOUT DIVIDER		WITH OFFSET DIVIDER		WITH HALF DIVIDER	
		Inches	[mm]	1.35in <sup>2</sup> [871mm <sup>2</sup> ] 20% FILL	40% FILL	4.40 in <sup>2</sup> [2839mm <sup>2</sup> ] 20% FILL	40% FILL	2.20 in <sup>2</sup> [1419mm <sup>2</sup> ] 20% FILL	40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	30	61	9	19	15	30
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	25	50	7	15	12	35
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	17	35	5	10	8	17
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	8	17	2	5	4	8
	25-pair, 24 AWG	0.410	[10.4]	6	13	2	4	3	6
COAXIAL	RG6/U 20 Gage	0.270	[6.9]	15	30	4	9	7	15
FIBER	2 Stranded ZipCord	0.118 x 0.236	[3 x 6]	31	63	9	19	15	31
	Round 4 Strand Fiber	0.187	[4.8]	32	64	9	19	16	32
	Round 6 Strand Fiber	0.256	[6.5]	17	34	5	10	8	17

**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.

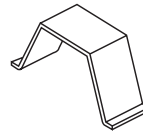
## AL3300 Series Raceway Ordering Information

### AL3300B10 Raceway Base



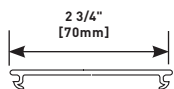
6063-T5 extruded aluminum, satin anodized finish. Nominal wall thickness .060" [1.5mm]. Packed four 10' [3m] lengths per carton.

### AL3300WC Wire Clip (Spring Steel)



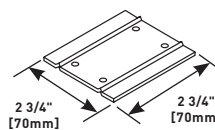
Holds wires and cables in raceway base. Use with undivided raceway, snaps into grooves in base.

### AL3300C5 Raceway Cover



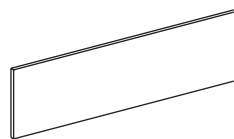
6063-T5 extruded aluminum, satin anodized finish. Nominal wall thickness .060" [1.5mm]. Packed eight 5' [1.5m] lengths per carton.

### AL3301 Base Coupling (Galvanized Steel)

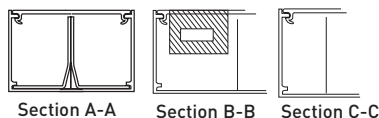


Set screw coupling used for attaching in-line raceway sections.

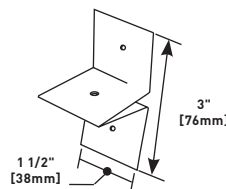
### AL3300D5 Divider



Divider is 0.040" [1.0mm] galvanized steel. Packed eight 5' [1.5m] lengths per carton. AL3301D Divider Clip sold separately.

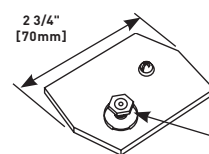


### AL3301D Divider Clip (Galvanized Steel)



Required for holding AL3300D5 Divider in place. Use one every 30" [762mm].

### AL3309 Ground Clamp (Galvanized Steel)



Connects equipment grounding conductor to raceway.

#10 Ground Stud with Cup Washer

