

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 ² [871mm ²]	WITHOUT DIVIDER 4.40 in ² [2839mm ²]	WITH HALF DIVIDER 2.20 in ² [1419mm ²]	WITH OFFSET DIVIDER 1.35 in ² [871mm ²]	WITHOUT DIVIDER 4.40 in ² [2839mm ²]	WITH HALF DIVIDER 2.20 in ² [1419mm ²]
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

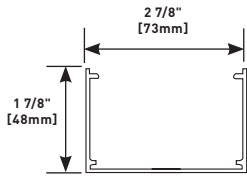
CABLE TYPE	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		WITHOUT DIVIDER		WITH OFFSET DIVIDER		WITH HALF DIVIDER	
		Inches	[mm]	1.35in ² [871mm ²] 20% FILL	40% FILL	4.40 in ² [2839mm ²] 20% FILL	40% FILL	2.20 in ² [1419mm ²] 20% FILL	40% FILL
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	30	61	9	19	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.

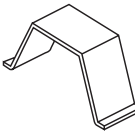
* Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.

AL3300 Series Raceway Ordering Information

AL3300B10 Raceway Base

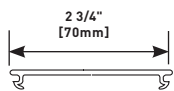


6063-T5 extruded aluminum, satin anodized finish. Nominal wall thickness .060" [1.5mm]. Packed four 10' [3m] lengths per carton.



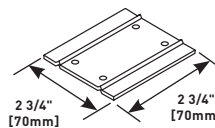
Holds wires and cables in raceway base. Use with undivided raceway, snaps into grooves in base.

AL3300C5 Raceway Cover



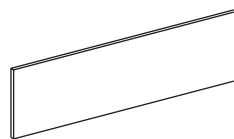
6063-T5 extruded aluminum, satin anodized finish. Nominal wall thickness .060" [1.5mm]. Packed eight 5' [1.5m] lengths per carton.

AL3301 Base Coupling (Galvanized Steel)

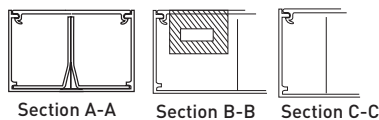


Set screw coupling used for attaching in-line raceway sections.

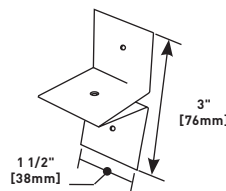
AL3300D5 Divider



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

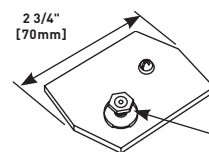


AL3301D Divider Clip (Galvanized Steel)



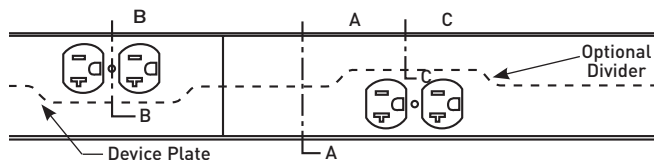
Required for holding AL3300D5 Divider in place. Use one every 30" [762mm].

AL3309 Ground Clamp (Galvanized Steel)



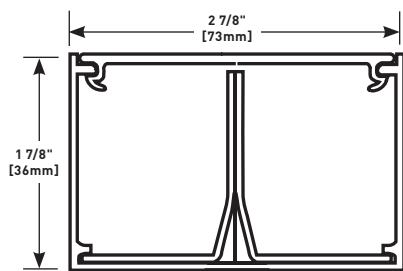
Connects equipment grounding conductor to raceway.

#10 Ground Stud with Cup Washer



AL3300 SERIES RACEWAY

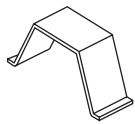
Ordering Information



AL3300 Series Raceway's low profile, divided aluminum raceway meets the demands of today's laboratories, healthcare facilities and upscale office locations, providing a compact and effective method of consolidating power and communication cabling.

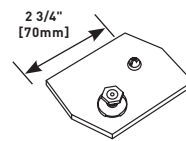
Material: 6063 T6 Aluminum Alloy
Wall Thickness: 0.078" [1.99mm]
Anodized Finish Thickness: 0.004" [0.004mm]

AL3300WC Wire Clip



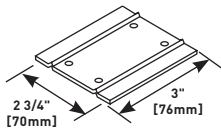
For holding wires and cables in raceway base. Use with undivided raceway, snap into grooves of base.

AL3309 Ground Clamp



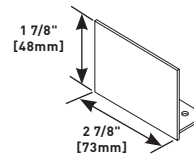
For connection of equipment grounding conductor to provide additional ground to raceway.

AL3301 Coupling



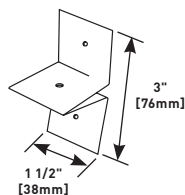
Set screw coupling used for attaching in-line raceway sections.

AL3310B Blank End



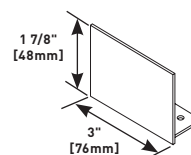
For closing open end of AL3300 Series Raceway.

AL3301D Divider Clip



Required for holding AL3300D5 divider in place. Use one every 30" [76.2m].

AL3310B1 End



For end feeding raceway with 1/2" [12.7mm] or 3/4" [19.1mm] trade size conduit or armored cable.