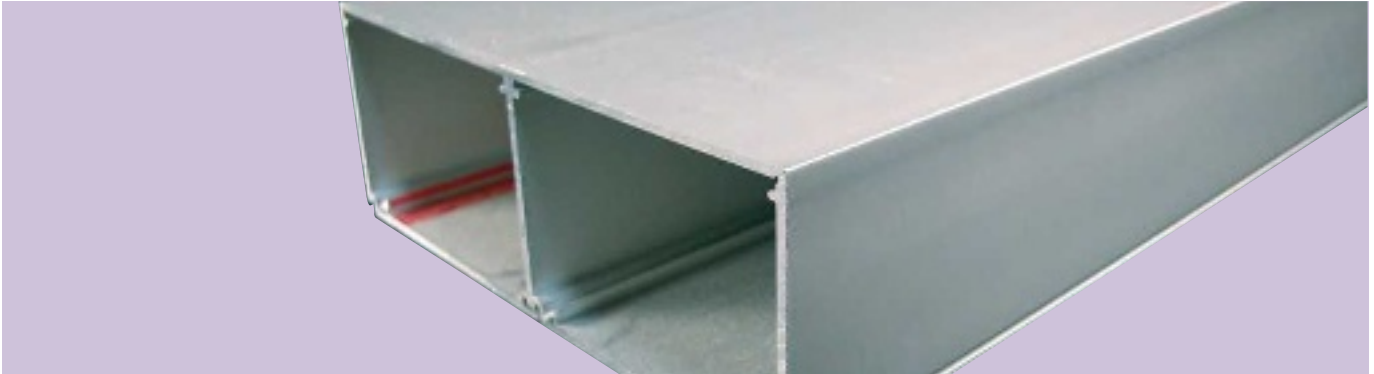


ALA4800 SERIES™ RACEWAY



Dual-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.

ALA4800 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]	86
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	70
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	50
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	25
	25-pair, 24 AWG	0.410	[10.4]	24
COAXIAL	RG6/U	0.270	[6.9]	43
FIBER (Each Compartment)	ZipCord	0.118 x 0.236	[3 x 6]	88
	Round 4 Strand Fiber	0.187	[4.8]	89
	Round 6 Strand Fiber	0.256	[6.5]	47

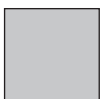
NOTE: For additional information, refer to the Technical Section.

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

ALA4800 Series Raceway Wire Fill Capacities for Power

	WIRE SIZE THHN/THWN	O.D.		40% FILL
		Inches	[mm]	
POWER WIRING WITHOUT DEVICES	14 AWG	0.111	[2.8]	214
	12 AWG	0.130	[3.3]	156
	10 AWG	0.164	[4.2]	98
	8 AWG	0.216	[5.5]	56
	6 AWG	0.254	[6.5]	41
POWER WIRING WITH DEVICES (2.04 Sq. In. [51.82mm]) (Each Compartment)	14 AWG	0.111	[2.8]	159
	12 AWG	0.130	[3.3]	116
	10 AWG	0.164	[4.2]	73
	8 AWG	0.216	[5.5]	42
	6 AWG	0.254	[6.5]	30

COLOR OPTIONS

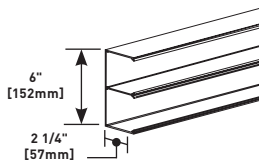


ALA4800 Series™ Raceway is available with a satin anodized finish.

ALA4800 SERIES™ RACEWAY

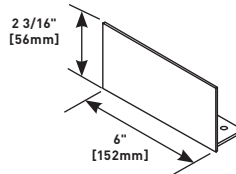
ALA4800 Series Raceway Ordering Information

ALA4800B-10 Dual Compartment Raceway Base



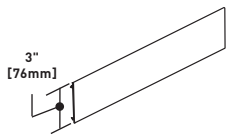
6063-T5 extruded aluminum, satin anodized finish, .078" [1.98mm] wall thickness. Base has integral divider for separation of service. Packed 40' [12m] per carton.

ALA4810B Blank End Fitting



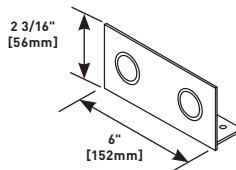
For covering ends of raceway.

ALAC-5 Raceway Cover



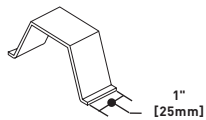
6063-T5 extruded aluminum, satin anodized finish, .078" [1.98mm] wall thickness. Two covers per base. Allows only one compartment to be accessed at a time. Packed 40' [12m] per carton. ALAC-5 is compatible with ALA4800 Series and ALA3800 Series Raceways.

ALA4810B2 Entrance End Fitting



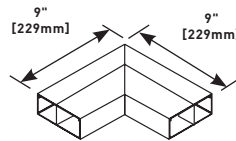
For feeding raceway, has two concentric 1/2" and 3/4" trade size KOs.

ALAWC Wire Clip



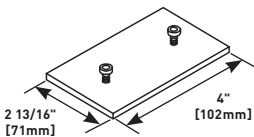
For holding conductors in place in long raceway runs. Snaps into grooves in base.

ALA4811 Flat Elbow



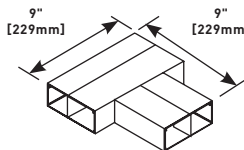
Makes 90° flat turn in a raceway run. Includes four ALA01 Couplings.

ALA01 Couplings



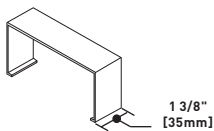
Joins lengths of inline ALA4800B-10 Raceway Base together. Two required per section of base.

ALA4815 Tee



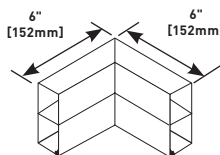
For branch connections of two runs of ALA4800 Series Raceway. Includes six ALA01 Couplings.

ALA4806 Cover Clip



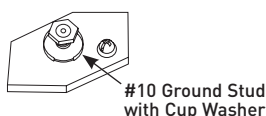
Stainless steel clip to cover joint where lengths of cover or base come together.

ALA4817 Internal Elbow



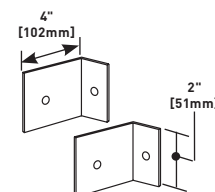
To make an internal turn in a raceway run. Includes four ALA01 Couplings.

ALA09 Grounding Adapter



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

ALA17A Internal Corner Coupling

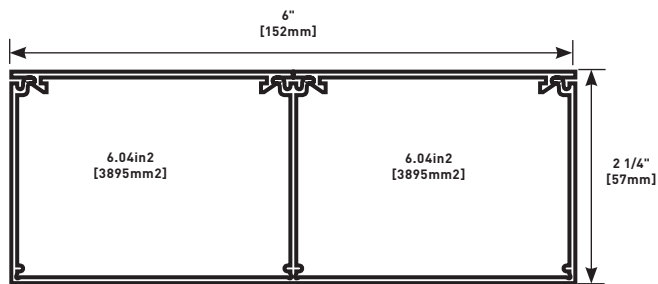


For butting two raceway sections to form an internal 90° turn in a raceway run.

NOTE: These parts are compatible with both ALA4800 and ALA3800 Series Raceways.

ALA4800 SERIES RACEWAY

Ordering Information



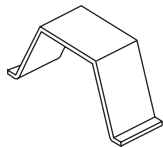
ALA4800 Series Aluminum Raceway's two-channel, dual-cover aluminum raceway meets the demands of laboratories, healthcare facilities and upscale office locations by providing an effective method of consolidating power and communications cabling.

Material: 6063 T6 Aluminum Alloy

Wall Thickness: 0.078" [1.99mm]

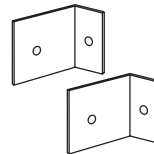
Anodized Finish Thickness: 0.004" [0.004mm]

ALAWC Wire Clip



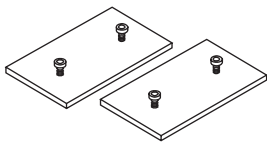
Holds conductors in place along raceway. Snaps into grooves on base.

ALA17A Internal Corner Coupling



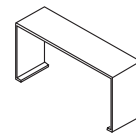
Makes internal 90° turn in a raceway run.

ALA01 Slide Coupling



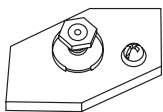
Connects adjoining sections of ALA4800 Series Raceway base. Includes two (2) couplings.

ALA4806 Cover Clip



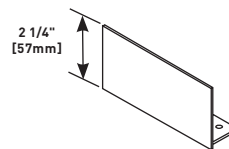
Covers seam where two sections of ALAC-5 Cover come together.

ALA09 Grounding Adapter



Connects to equipment grounding conductor.

ALA4810B Blank End Cap



Closes off open end of ALA4800 Series Raceway.