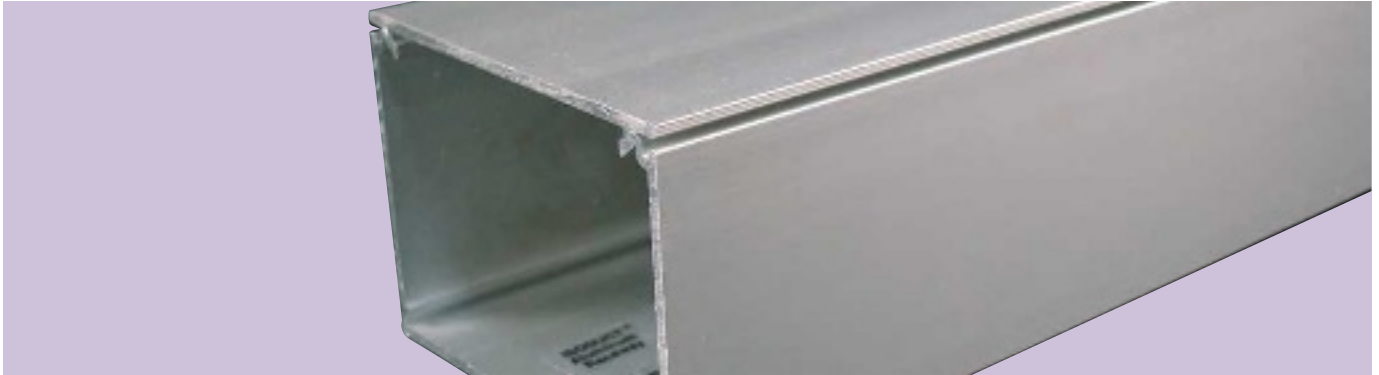


ALA3800 SERIES™ RACEWAY



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.

AL3800 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	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.

AL3800 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]	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

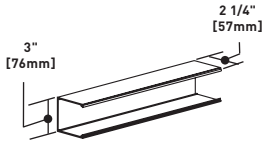


AL3800 Series™ Raceway is available with a satin anodized finish.

ALA3800 SERIES™ RACEWAY

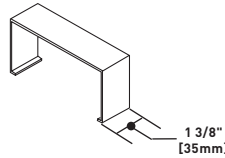
ALA3800 Series Raceway Ordering Information

ALA3800B-10 Single Compartment Raceway Base



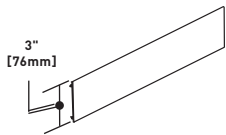
Satin Anodized finish. Nominal wall thickness of .078" [1.99mm]. Packed four 10' [3m] lengths per carton.

ALA3806 Cover Clip



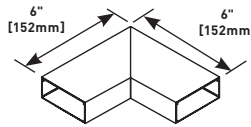
Covers seam where lengths of raceway come together.

ALAC-5 Raceway Cover



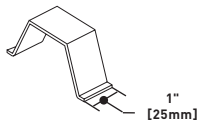
Satin Anodized finish. Nominal wall thickness of .078" [1.99mm]. Packed eight 5' [1.50m] lengths per carton. ALAC-5 is compatible with ALA3800 and ALA4800 Series Raceways.

ALA3811 Flat Elbow



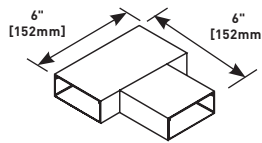
For making a 90° flat turn in a raceway run. Includes two ALA01 Couplings.

ALAWC Wire Clip



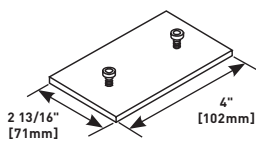
Holds conductors in place in long raceway runs. Snaps into grooves on base.

ALA3815 Tee



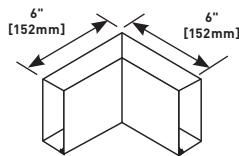
For branch connections of two runs of ALA3800 Series Raceway. Includes three ALA01 Couplings.

ALA01 Couplings



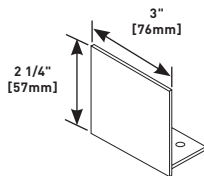
Joins lengths of inline ALA3800B-10 Raceway Base together.

ALA3817 Internal Elbow



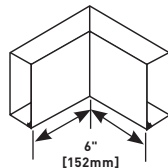
For making a 90° internal turn in a raceway run. Includes two ALA01 Couplings.

ALA3810B Blank End Fitting



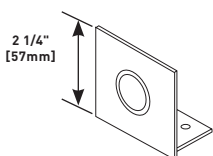
Closes off open end of raceway.

ALA3817N Inverted Internal Elbow



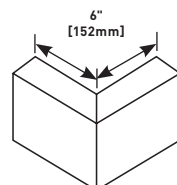
For connecting a vertical run of ALA3800 Series Raceway with a horizontal run with its cover facing up. Includes two ALA01 Couplings.

ALA3810B1 Entrance End Fitting



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

ALA3818 External Elbow



For making a 90° external turn in a raceway run. Includes two ALA01 Couplings.