WIREMOLD®
Aluminum Raceway

Architectural Aluminum Raceway

AL3300 Series Aluminum Raceway System meets the demands of today's commercial spaces, providing a compact, handsome and effective method of consolidating all power and communication cabling. In laboratories, healthcare facilities and upscale office locations, the divided aluminum raceway separates power and communication cabling and directs these services where required. The low-profile design can be installed as baseboard, surface mounted, or under laboratory reagent shelves. The two-piece raceway design means wiring is always accessible and changes are easily accomplished at any time.

Aluminum Raceway accommodates laboratory wiring needs. Precision cut fittings ensure uniform finish throughout.

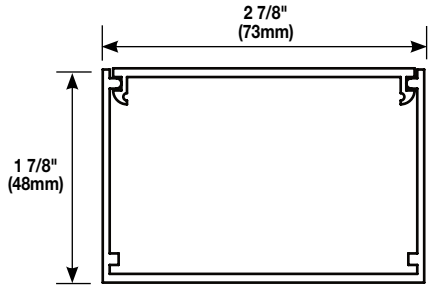
FEATURES & BENEFITS

- **Attractive, snap-together aluminum extrusions.** Complements decor in commercial offices, laboratories and healthcare facilities. Enables quick and easy circuit modifications or additions.
- **Satin anodized finish.** Good-looking appearance, resists corrosion and is easy to clean and maintain.
- **Field installed divider creates dual wiring channels.** Permits separation of power and voice/data communication wiring or allows breakout of "clean" power from standard power circuits.
- **Accommodates most electrical wiring devices and full-size communication face plates.** Accepts single, duplex, NEMA-Locking, GFCI and surge protection outlets and most communication activation devices.
- **Full line of fittings.** Provides a complete installation connection to existing wiring or other raceways.
- **Compact size.** Application flexibility. Useful for locations requiring limited space.
- **UL and cUL Listed Raceway:** File E73943 Guide RJBT. Fittings: File E74243, Guide RJPR. Meets Article 386 of NEC and meets Section 12-1600 of CEC.
- **Communication connectivity options.** Accepts industry standard and proprietary devices from a wide range of manufacturers to provide a seamless and aesthetically pleasing interface for voice, data, audio, and video applications at the point of use.
- **UL5 and ADA Compliant.** Raceway and fittings meet UL5 specifications and can be installed in conformance with ADA requirements.

PEP ecopassport®

Download this product's PEP ecopasport® environmental product declaration at www.legrand.us/resources-and-downloads. This declaration conforms with ISO 14025 and 14040 and is in alignment with EN 15804.

AL3300 Series Raceway Specifications



Material: 6063 T6 Aluminum Alloy
Wall Thickness: 0.078" (1.99mm)
Anodized Finish Thickness: 0.004" (0.004mm)

AL3300 Series Raceway Wire Fill Capacity Charts

AL3300 Series Raceway Wire Fill Capacities For Power

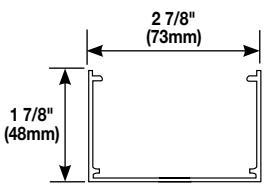
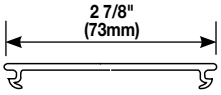
WIRE SIZE THHN/THWN	O.D. Inches	(mm)	CAPACITY OF CROSS SECTIONAL AREA WITH DUPLEX DEVICE: WITH OFFSET DIVIDER 1.35 in² (871mm²)	WITHOUT DIVIDER 4.40 in² (2839mm²)	WITH HALF DIVIDER 2.20 in² (1419mm²)	WITHOUT DEVICE: WITH OFFSET DIVIDER 1.35 in² (871mm²)	WITHOUT DIVIDER 4.40 in² (2839mm²)	WITH HALF DIVIDER 2.20 in² (1419mm²)
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

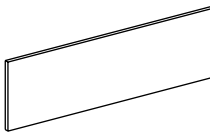
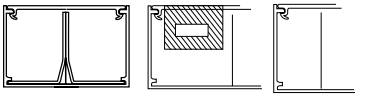
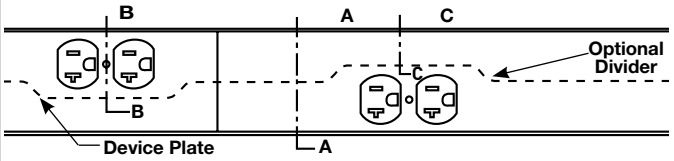
AL3300 Series Raceway Wire Fill Capacities For Communications

O.D. (Approx. Dia.) CABLE TYPE	CABLE/WIRE SIZE	Inches	(mm)	WITHOUT DIVIDER 1.35 in² (871mm²) 20% Fill	40% Fill	WITH OFFSET DIVIDER 4.40 in² (2839mm²) 20% Fill	40% Fill	WITH HALF DIVIDER 2.20 in² (1419mm²) 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

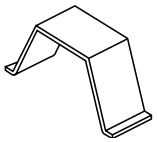
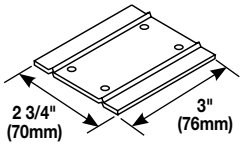
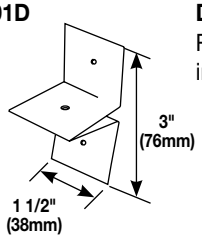
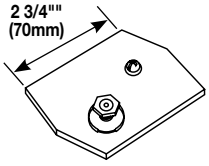
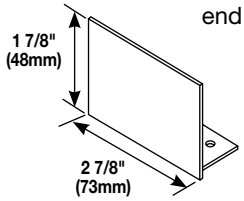
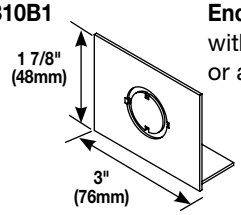
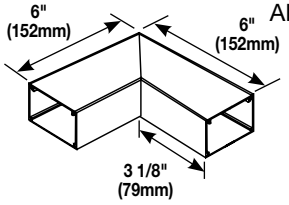
NOTE: For additional information, refer to the Technical Section of the current version of ED1560 (Wiremold Catalog).
*** Category 6 augmented (6a) cable for 10 gigabit ethernet – max allowed cable diameter per addenda No. 11 ANSI TIA/EIA 568-B.2.**

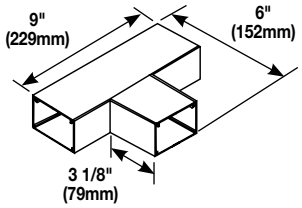
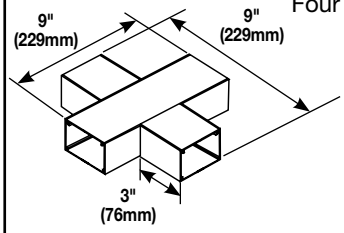
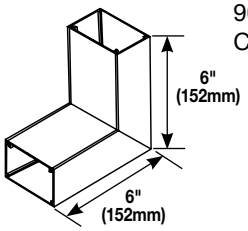
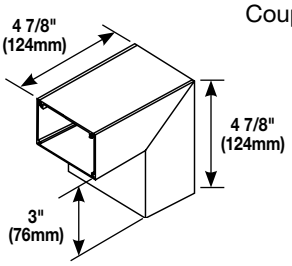
AL3300 Series Raceway Ordering Information

Catalog No./Item	Description/Specifications
AL3300B10 	**Raceway Base –** 6063-T5 extruded aluminum, satin anodized finish. Nominal wall thickness .060" (1.5mm). Packed four 10' (3m) lengths per carton.
AL3300C5 	**Raceway Cover –** 6063-T5 extruded aluminum, satin anodized finish. Nominal wall thickness .060" (1.5mm). Packed eight 5' (1.5m) lengths per carton.

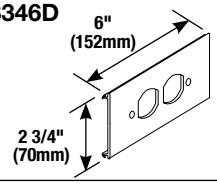
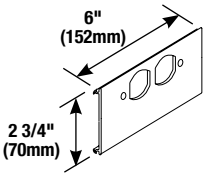
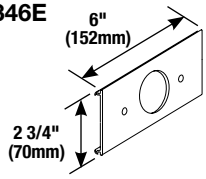
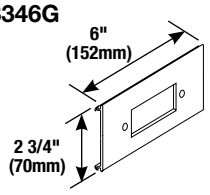
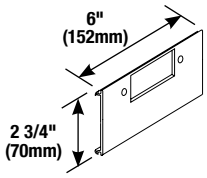
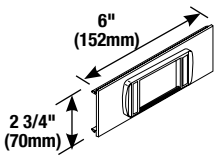
Catalog No./Item	Description/Specifications
AL3300D5 	**Divider –** Divider is 0.040" (1.0mm) galvanized steel. Packed eight 5' (1.5m) lengths per carton. AL3301D Divider Clip sold separately.  

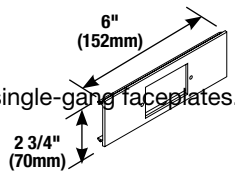
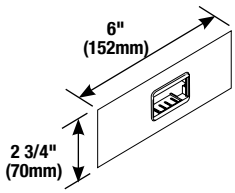
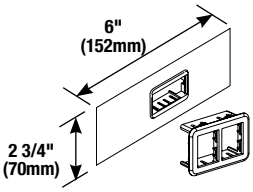
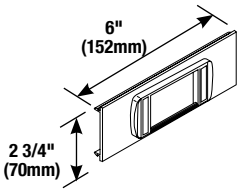
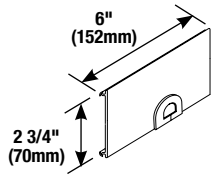
AL3300 Series Raceway Ordering Information (continued)

Catalog No./Item	Description/Specifications
AL3300WC 	**Wire Clip (Spring Steel)** – Holds wires and cables in raceway base. Use with undivided raceway, snaps into grooves in base.
AL3301 	**Base Coupling (Galvanized Steel)** – Set screw coupling used for attaching in-line raceway sections.
AL3301D 	**Divider Clip (Galvanized Steel)** – Required for holding AL3300D5 Divider in place. Use one every 30" (76.2m).
AL3309 	**Ground Clamp (Galvanized Steel)** – Connects equipment grounding conductor to raceway.
AL3310B 	**Blank End Fitting** – Closes off open end of AL3300 Series Raceway.
AL3310B1 	**End Fitting** – End feeds raceway with 1/2" or 3/4" trade size conduit or armored cable.
AL3311 	**90° Flat Elbow Fitting** – Right angle turns on same surface. Two AL3301 Couplings included.

Catalog No./Item	Description/Specifications
AL3315 	**Tee Fitting** – 90° tee connection of two runs of AL3300 Series Raceway. Three AL3301 Couplings included
AL3316 	**Cross Fitting** – 90° cross-through connection of two runs of raceway. Four AL3301 Couplings included.
AL3317 	**Internal Elbow Fitting** – For making 90° internal corners. Two AL3301 Couplings included.
AL3318 	**External Elbow Fitting** – For making external corners. Two AL3301 Couplings included.

AL3300 Series Raceway Device Plate Ordering Information

Catalog No./Item	Description/Specifications
AL3346D 	**Duplex Receptacle Cover** – Mounts standard duplex devices to cover. Can also be used with 106 communication frames.
AL3346DO 	**Offset Duplex Receptacle Cover (for Divided Raceway)** – Installs duplex devices in divided aluminum raceway. 6" (152mm) offset divider included. Can also be used with 106 communication frames.
AL3346E 	**Single Receptacle Cover Plate (1.40" diameter)** – Installs straight blade and locking single receptacles with face diameters of 1.38"-1.39" (35mm-36mm).
AL3346G 	**Rectangular Device Cover Plate** – Installs rectangular devices including surge receptacles, GFCI, and other rectangular faced single-gang wiring devices. Can also be used with decorator style communication frames.
AL3346GO 	**Offset GFCI Rectangular Cover Plate (For Divided Raceway)** – Installs rectangular devices including surge receptacles, GFCI and other rectangular faced single-gang wiring devices in divided aluminum raceway. 6" (152mm) offset divider included. Can also be used with decorator style communication frames.
AL3356-ACTLPB 	**Low Profile Adapter Cover Plate** – Installs communication connectivity devices. Includes cover and low profile adapter cover (6A opening). Accepts three (3) CM2 Series Open System inserts or Pass & Seymour® Activate inserts.

Catalog No./Item	Description/Specifications
AL3356R 	**Cover Plate (With 2" x 2 7/8" (51mm x 73mm) Hole cut)** – Installs communication connectivity devices utilizing the industry standard single-gang faceplates. Hole cut is 2" x 2 7/8" (51mm x 73mm). Faceplates must be ordered separately.
AL33562A 	**2A Mini Adapter Cover Plate** – Installs a single 2A size communication connectivity device (2A opening). Includes cover and 2A mini adapter. Accepts three CM2 Series Open System inserts or Pass & Seymour® Activate inserts.
AL3356ABRT 	**Ortronics® Cover Plate** – Accepts only Ortronics® datacom inserts. Supplied with both adapters to accommodate two TracJack™ devices or one Series II device.
AL3356-LPB3S2 	**Ortronics® Low Profile Adapter Cover Plate** – Accepts only Ortronics® datacom inserts, three Series II devices. Low profile adapter included.
AL3356Z 	**Grommeted Cover Plate** – For exiting of communication cable. Grommet furnished.

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