400, 800, 2300 & 2300D SERIES™ RACEWAYS

Two-Piece, Single- and Dual-Channel, Low Profile

Two-piece, single- and dual-channel, low profile raceway. Easy-to-install and ideal for power or communication installations.

CODE REFERENCE

cULus Listed Raceway:
File E90378 Guide RJTX.
Complies with flammability requirements of UL-5A.

Fittings:
File E90377 Guide RJYT.
Meets Article 388 of NEC.
UL Listed for up to 600V.
Meets Section 12-1600 of CEC.

400, 800, 2300 & 2300D Series Raceways System Layout
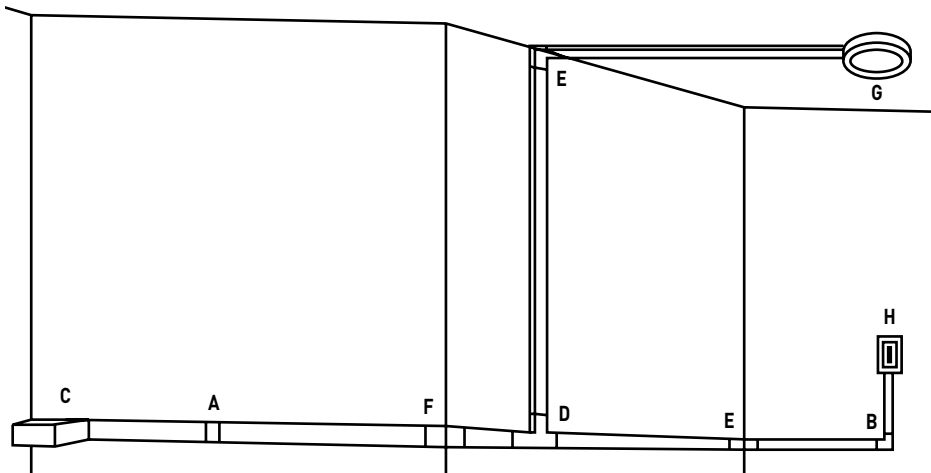
NOTE: Illustration is for showing product applications only.

KEY

A. 406, 806, 2306 Cover Clip
B. 411, 811, 2311, 2311DFO Flat Elbow Fitting
C. 810A2, 2310A, 2310DFO Entrance End Fitting
D. 415, 815, 2315 Tee

E. 417, 817, 2317, 2317DFO Internal Elbow
F. 418, 818, 2318, 2318DFO External Elbow
G. 2337A, 2338A Round Device Boxes
H. 2344, 2347, 2348 Sure-Snap Device Boxes

COLOR OPTIONS

400, 800, 2300 Series Raceway Part Numbers with a "-WH" suffix have a white finish. Part Numbers without a suffix have an ivory finish. 400, 800, 2300 Series Raceways are paintable using latex paint.

Custom color options are also available. Consult the factory for more information.

NONMETALLIC RACEWAY

400, 800, 2300 & 2300D SERIES™ RACEWAYS
Ordering Information (continued)

External Elbow
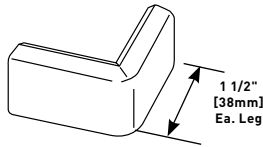
PART NUMBERS:
418 (Ivory),
418-WH (White)

1 1/2"
[38mm]
Ea. Leg

For right angle turns around external corners.

Entrance End Fitting
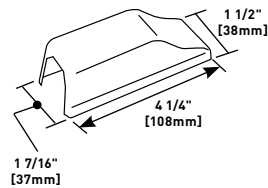
PART NUMBERS:
810A2 (Ivory)
810A2-WH (White)

1 1/2"
[38mm]

4 1/4"
[108mm]

1 7/16"
[37mm]

For connecting 400 or 800 Series Raceway with 1/2" trade size conduit or armored cable. 1/2" trade size KO on end and bottom.

NOTE: Device Boxes for 400 Series Raceway can be found on pages located at the end of this product section.

800 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]	3
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	3
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	2
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	1
	25-pair, 24 AWG	0.410	[10.4]	0
COAXIAL	RG6/U	0.270	[6.9]	1
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	3
	Round 4 Strand Fiber	0.187	[4.8]	3
	Round 6 Strand Fiber	0.256	[6.5]	2

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.
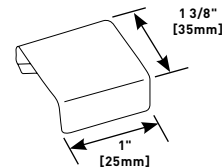
800 Series Raceway Wire Fill Capacities for Power

WIRE SIZE THHN/THWN	O.D.		NO. OF CONDUCTORS
	Inches	[mm]	
14 AWG	0.111	[2.8]	6
12 AWG	0.130	[3.3]	5
10 AWG	0.164	[4.2]	4

Raceway Base & Cover
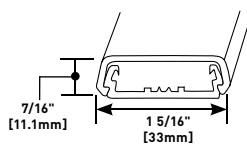
PART NUMBERS:
800BAC (Ivory)
800BAC-WH (White)

7/16"
[11.1mm]

1 5/16"
[33mm]

Low-profile, two-piece raceway with durable, textured PVC ivory or white finishes. Available in 5' [1.52m] lengths. Packed 100' [3.05m] per carton. Supplied with wide adhesive tape along its entire length.
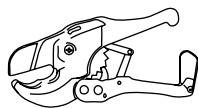
PVC-1 PVC Raceway Cutter

Regular duty cutter. Ideal for use with small nonmetallic raceways.

800WC Wire Clip

1"
[25mm]

1"
[25mm]
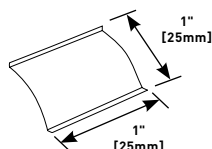
For holding conductors in place.
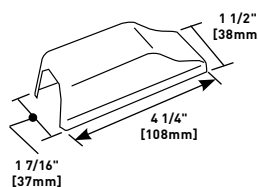
Cover Clip

PART NUMBERS:
806 (Ivory)
806-WH (White)

1 3/8"
[35mm]

1"
[25mm]

For covering joint where two pieces of 800BAC Series Raceway Cover come together.

Entrance End Fitting

PART NUMBERS:
810A2 (Ivory)
810A2-WH (White)

1 1/2"
[38mm]

4 1/4"
[108mm]

1 7/16"
[37mm]

For connecting 400 or 800 Series Raceway with 1/2" trade size conduit or armored cable. 1/2" trade size KO on end and bottom.

Blank End Fitting
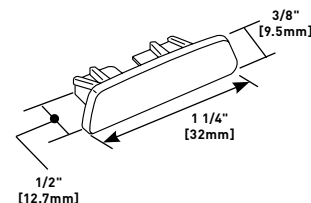
PART NUMBERS:
810B (Ivory),
810B-WH (White)

3/8"
[9.5mm]

1 1/4"
[32mm]

1/2"
[12.7mm]

For closing open end of 800BAC Series Raceway.

NOTE: Device Boxes for 800 Series Raceway can be found on pages located at the end of this product section.