

400, 800, 2300 & 2300D SERIES™ RACEWAYS

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



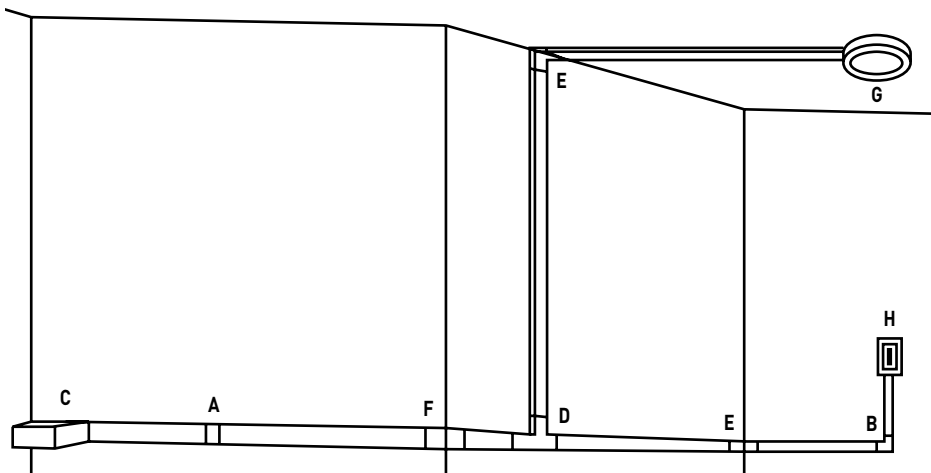
Two-piece, single- and dual-channel, low profile raceway. Easy-to-install and ideal for power or communication installations.

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 | E. 417, 817, 2317, 2317DFO Internal Elbow |
| B. 411, 811, 2311, 2311DFO Flat Elbow Fitting | F. 418, 818, 2318, 2318DFO External Elbow |
| C. 810A2, 2310A, 2310DFO Entrance End Fitting | G. 2337A, 2338A Round Device Boxes |
| D. 415, 815, 2315 Tee | H. 2344, 2347, 2348 Sure-Snap Device Boxes |

COLOR OPTIONS



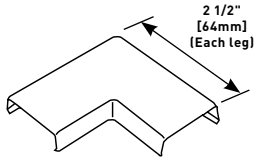
400, 800, 2300 Series Raceway Part Numbers with a "-WH" suffix have a white finish. Part Numbers without a suffix have an ivory finish. 400, 800, 2300 Series Raceways are paintable using latex paint.

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

400, 800, 2300 & 2300D SERIES™ RACEWAYS

Ordering Information

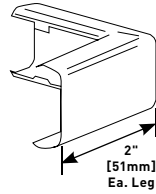
Flat Elbow



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

For right angle turns on same surface.

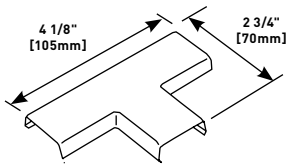
External Elbow



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

For right angle turns around external corners.

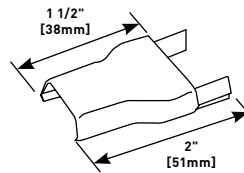
Tee



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

For branching of raceway running at right angles.

Reducing Connector

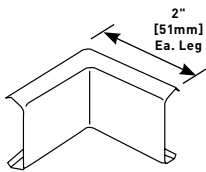


PART NUMBERS:
889A (Ivory)
889A-WH (White)

For transitioning from 800 Series Raceway to 400 Series Raceway.

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

Internal Elbow



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

For right angle turns around internal corners.

2300 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]	11
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	9
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	6
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	3
	25-pair, 24 AWG	0.410	[10.4]	2
COAXIAL	RG6/U	0.270	[6.9]	5
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	12
	Round 4 Strand Fiber	0.187	[4.8]	12
	Round 6 Strand Fiber	0.256	[6.5]	6

2300 Series Raceway Wire Fill Capacities for Power

WIRE SIZE THHN/THWN	O.D.		NO. OF CONDUCTORS
	Inches	[mm]	
14 AWG	0.111	[2.8]	15
12 AWG	0.130	[3.3]	12
10 AWG	0.164	[4.2]	12

2300D Series Raceway Wire Fill Capacities for Communications

	CABLE/WIRE SIZE	O.D. (Approx. Dia.)		40% FILL (Ea. Comp.)
		Inches	[mm]	
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	5
	4-pair, 24 AWG, Cat 5e	0.210	[5.3]	4
	4-pair, 24 AWG, Cat 6	0.250	[6.3]	3
	4-pair, 24 AWG, Cat 6a*	0.354	[9.0]	1
	25-pair, 24 AWG	0.410	[10.4]	1
COAXIAL	RG6/U	0.270	[6.9]	2
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	6
	Round 4 Strand Fiber	0.187	[4.8]	6
	Round 6 Strand Fiber	0.256	[6.5]	3

2300D Series Raceway Wire Fill Capacities for Power

WIRE SIZE THHN/THWN	O.D.		NO. OF CONDUCTORS (Each Compartment)
	Inches	[mm]	
14 AWG	0.111	[2.8]	12
12 AWG	0.130	[3.3]	8
10 AWG	0.164	[4.2]	5

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.