

ECLIPSE™ SERIES RACEWAYS

Single Channel



One-piece, latching, single-channel raceway available in three profiles. Easy-to-install and ideal for demanding communication designs. Accommodates communication or power wiring.



**PEP
eco
PASS
PORT®**

Download this product's PEP ecosport, 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.

CODE REFERENCE

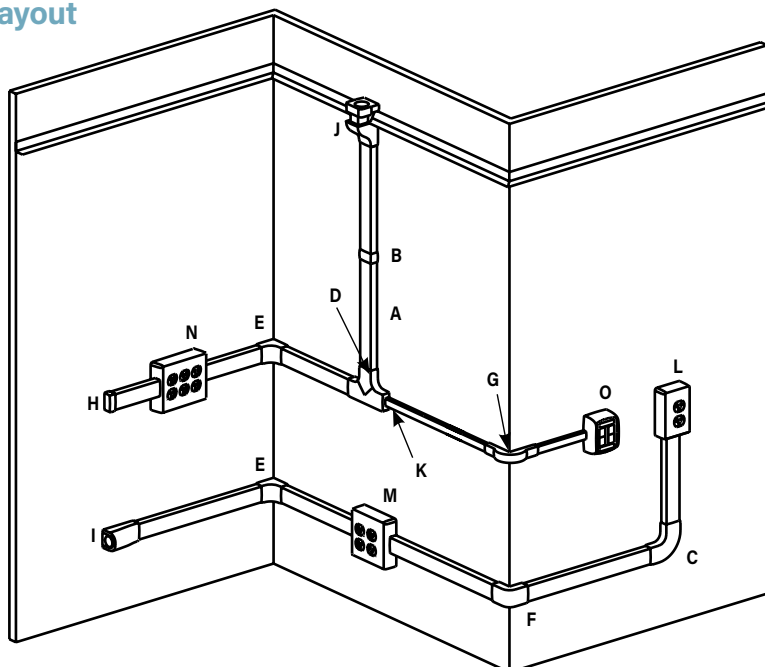
cULus Listed Raceway:

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.

Eclipse Series PN03, PN05, PN10 Raceways System Layout



NOTE: Illustration is for showing product applications only.

KEY

- A. PN03L08, PN03L10, PN05L08, PN05L10, PN10L08, PN10L10 Latching Raceway
- B. PN03F06, PN05F06, PN10F06 Cover Clip
- C. PN03F11, PN05F11, PN10F11 90° Flat Elbow Fitting
- D. PN03F15, PN05F15, PN10F15 Tee Fitting
- E. PN03F17, PN05F17, PN10F17 Internal Elbow Fitting
- F. PN03F18, PN05F18, PN10F18 External Elbow Fitting
- G. PN03F19, PN05F19, PN10F19 Bend Radius External Elbow Fitting
- H. PN03F20, PN05F20, PN10F20 Blank End Fitting
- I. PN10F21 Entrance End Fitting
- J. PN05F86, PN10F86 Drop Ceiling Connector
- K. PN153R Reducer Adapter
- L. PSB1 One-Gang Device Box
- M. PSB2 Two-Gang Device Box
- N. PSB3 Three-Gang Device Box
- O. PBB2S2, PBB4TJ, PDB1CM, PDB1S2, PDB2CM, PDB2S2, PDB4TJ Communication Box

COLOR OPTIONS



Eclipse™ Series Raceway Part Numbers with a "-WH" suffix have a white finish. Part Numbers with a "-FW" suffix have a fog white finish. Part Numbers with a "-V" suffix have an ivory finish. Eclipse Series Raceways are paintable using latex paint.

ECLIPSE™ SERIES RACEWAYS

Eclipse Series Raceway Wire Fill Capacities for Communications

	CABLE/WIRE SIZE	O.D. (APPROX. DIA.)		40% FILL		
		Inches	[mm]	PN03	PN05	PN10
UNSHIELDED TWISTED PAIR	4-pair, 24 AWG, Cat 3	0.190	[4.8]	3	5	13
	4-pair, 24 AWG, Cat 5e	0.210	(5.3)	2	5	11
	4-pair, 24 AWG, Cat 6	0.250	(6.3)	1	3	8
	4-pair, 24 AWG, Cat 6a*	0.354	(9.0)	0	1	4
	25-pair, 24 AWG	0.410	(10.4)	0	1	3
COAXIAL	RG6/U	0.270	[6.9]	1	3	6
FIBER	ZipCord	0.118 x 0.236	[3 x 6]	3	6	14
	Round 4 Strand Fiber	0.187	[4.8]	3	6	14
	Round 6 Strand Fiber	0.256	[6.5]	1	3	7

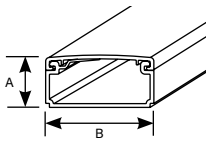
Eclipse Series Raceway Wire Fill Capacities for Power

WIRE SIZE THHN/THWN	O.D.		NO. OF CONDUCTORS		
	Inches	[mm]	PN03	PN05	PN10
14 AWG	0.111	[2.8]	8	16	15
12 AWG	0.130	[3.3]	7	14	20
10 AWG	0.164	[4.2]	0	0	19

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.

Latching Raceway



PART NUMBERS:

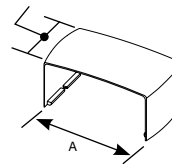
PN03L08FW (Fog White)
PN03L08V (Ivory)
PN03L08WH (White)
PN03L10FW (Fog White)
PN03L10V (Ivory)
PN03L10-W (White)
PN05L08FW (Fog White)
PN05L08V (Ivory)
PN05L08WH (White)
PN05L10FW (Fog White)
PN05L10V (Ivory)
PN05L10-W (White)
PN10L08FW (Fog White)
PN10L08V (Ivory)
PN10L08WH (White)
PN10L10FW (Fog White)
PN10L10V (Ivory)
PN10L10-W (White)

One-piece latching raceway with co-extruded hinge and adhesive backing. Available in 8' [2.44m] and 10' [3.0m] lengths.

CAT. NO.	A	B
PN03L08FW, V, WH	1/2" [12.7mm]	13/16" [20.6mm]
PN03L10FW, V, WH	1/2" [12.7mm]	13/16" [20.6mm]
PN05L08FW, V, WH	5/8" [15.9mm]	1 1/8" [29mm]
PN05L10FW, V, WH	5/8" [15.9mm]	1 1/8" [29mm]
PN10L08FW, V, WH	13/16" [20.6mm]	1 11/16" [43mm]
PN10L10FW, V, WH	13/16" [20.6mm]	1 11/16" [43mm]

Cover Clip

1" [12.7mm]



PART NUMBERS:

PN03F06FW (Fog White)
PN03F06V (Ivory)
PN03F06WH (White)
PN05F06FW (Fog White)
PN05F06V (White)
PN05F06WH (Ivory)
PN10F06FW (Fog White)
PN10F06V (Ivory)
PN10F06WH (White)

For covering joint where two pieces of Eclipse PN03, PN05, or PN10 Series Raceway Cover come together.

CAT. NO.	A
PN03F06FW, V, WH	2 11/16" [68mm]
PN05F06FW, V, WH	2 15/16" [75mm]
PN10F06FW, V, WH	3 11/16" [94mm]