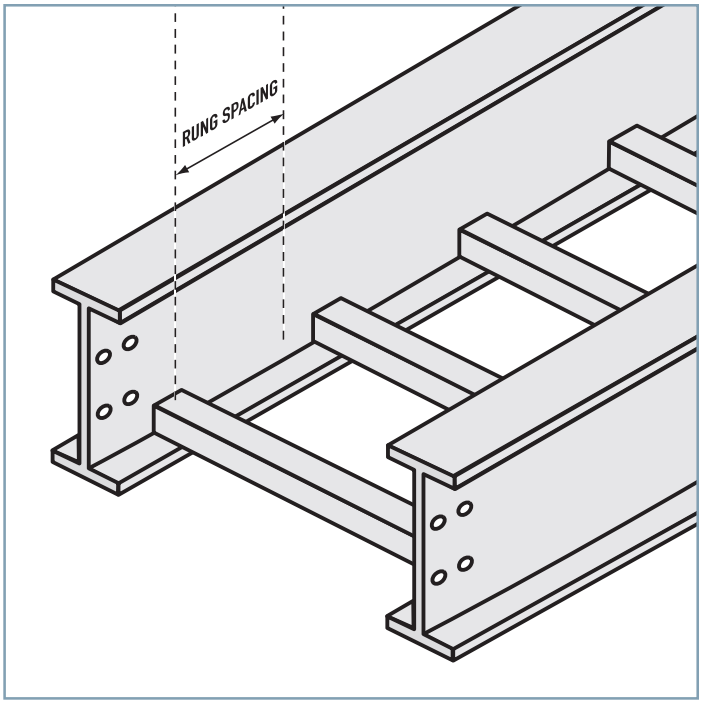
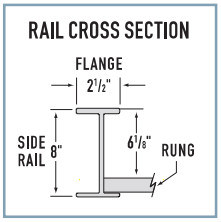
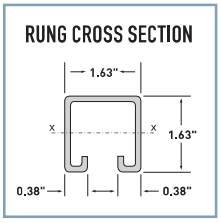
legrand® | Cablofil

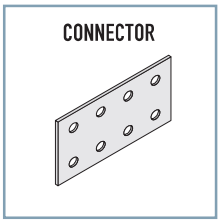
PW Cable Tray

TRAY SYSTEM NUMBER **4812RS**









Aluminum **A**

Classified by UL as equipment grounding conductors per NEC 392.7. (UL File No. E60796)

GENERAL INFORMATION

NEMA TRAY TYPE: Two Rail Ladder
NEMA CLASS: 30C
CSA CLASS: N/A
MATERIAL: Extruded aluminum alloy 6063-T6
SIDE RAIL: 8" high with 2 1/2" top flange
LOAD DEPTH: 6"
BOTTOM: 1-5/8" wide strut rung
FINISH: Plain
CONSTRUCTION: Arc welded
TRAY SERIES: Series 2 (5" tangent)

ENGINEERING INFORMATION

TRAY DESIGN: Construction and markings are per the latest edition of NEMA Standards Pub. VE1.

TRAY GROUNDING CAPABILITY: Classified as an equipment grounding conductor per N.E.C. 392.7 with a maximum 2000 ampere rating. UL Cross Sectional area: 2.00 in^2

CONNECTORS: Supplied in pairs with hardware. Splice resistance is less than 0.00033 ohms. Standard hardware: 3/8 in. geomet-plated steel. Stainless steel hardware is available upon request.

MECHANICAL PROPERTIES:
One rail: I x-x = 26.3140in^3 S x-x = 7.3722in^4

TRAY WIDTH (IN.)	TRAY WEIGHT* (LBS./FT.)
12	7.52
18	7.97
24	8.42
30	8.87
36	9.32

**Based on 9" rung spacing*

SAFE LOAD DATA (LBS./FT.) / **SUPPORT SPAN** (FT.) / **DEFLECTION** (IN.)

10		12		16		18		20		22		24		26		28		30		34		36		40	
1168	0.50	811	0.72	456	1.28	360	1.62	292	2.00	236	2.37	194	2.75	162	3.17	137	3.60	117	4.05	82	4.69	69	4.97	52	5.70

CATALOG NUMBERING EXAMPLE:

09 - 4812 - 0030 - 36

- **Bottom Type**: **09** – 9" Rung Spacing*; **12** – 12" Rung Spacing
- **Tray System Number**
- **Length**: **0030** – 30'-0"; **0040** – 40'-0"
- **Width**: **12** – 12"; **18** – 18"; **24** – 24"; **30** – 30"; **36** – 36"

** Standard rung spacing*

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