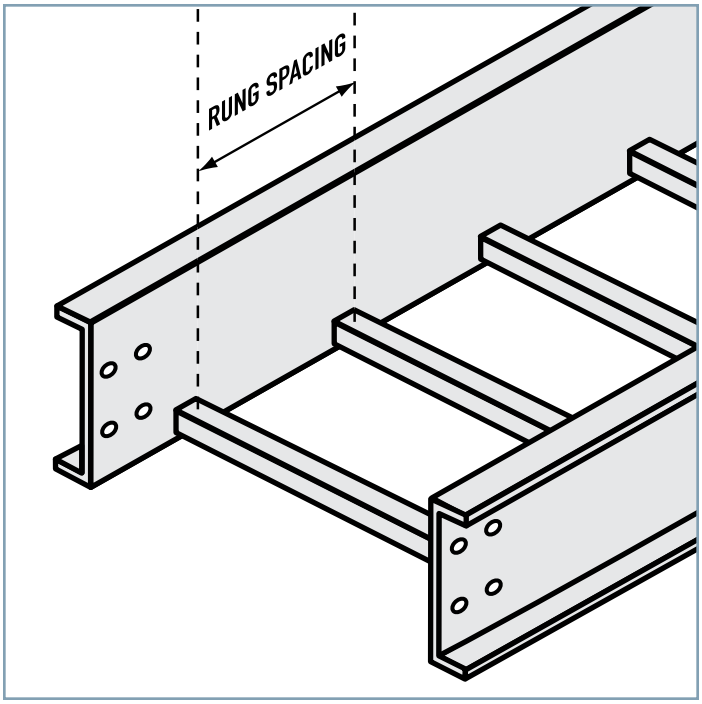
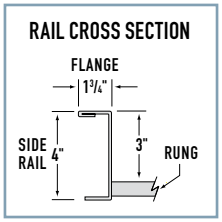
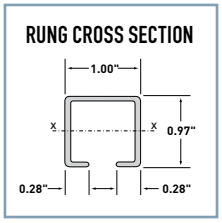
legrand® | Cablofil

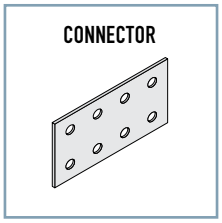
PW Cable Tray

TRAY SYSTEM NUMBER **3D82RS**









AISI Type 316L **T**

GENERAL INFORMATION

NEMA TRAY TYPE: Two Rail Ladder
NEMA CLASS: 20A, 16B
MATERIAL: AISI Type 316L Stainless Steel
SIDE RAIL: 4" high with 1 3/4" top flange
LOAD DEPTH: 3"
BOTTOM: 1" wide box 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: None. The N.E.C. does not recognize stainless steel cable tray as an equipment ground conductor.

CONNECTORS: Supplied in pairs with hardware. Splice resistance is less than 0.00033 ohms. Standard hardware: 3/8 in. type 316 stainless steel.

MECHANICAL PROPERTIES:
One rail: I x-x = 1.0593in^3 S x-x = 0.5860in^4

TRAY WIDTH (IN.)	TRAY WEIGHT* (LBS./FT.)
6	3.54
9	3.71
12	3.88
18	4.22
24	4.57
30	5.43
36	5.87

Based on 9" rung spacing

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

6		8		10		12		14		16		18		20		22		24		26		28		30	
556	0.31	313	0.55	200	0.86	139	1.24	102	1.69	78	2.20	62	2.79	50	3.44										

CATALOG NUMBERING EXAMPLE:

09 - 3D82 - 0020 - 36

Bottom Type
06 – 6" Rung Spacing
09 – 9" Rung Spacing*
12 – 12" Rung Spacing
18 – 18" Rung Spacing
** Standard rung spacing*

Tray System Number

Length
0010 – 10'-0"
0012 – 12'-0"
0020* – 20'-0"
0024 – 24'-0"
** Standard for Series 2*

Width
06 – 6"
09 – 9"
12 – 12"
18 – 18"
24 – 24"
30 – 30"
36 – 36"

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