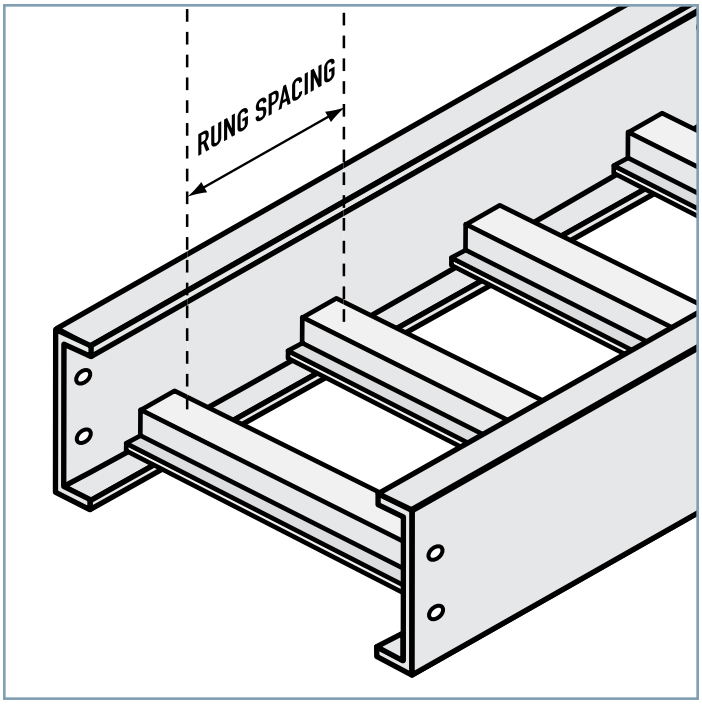
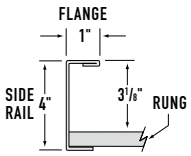
legrand® | Cablofil

PW Cable Tray

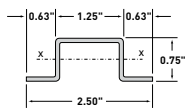
TRAY SYSTEM NUMBER **3416RS**



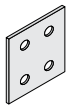
RAIL CROSS SECTION



RUNG CROSS SECTION



CONNECTOR



AISI Type 316L **T**

GENERAL INFORMATION

NEMA TRAY TYPE: Two Rail Ladder
NEMA CLASS: 12B
MATERIAL: AISI Type 316L Stainless Steel
SIDE RAIL: 4" high with 1" top flange
LOAD DEPTH: 3"
BOTTOM: 1 1/4" wide hat rung
FINISH: Plain
CONSTRUCTION: Resistance welded
TRAY SERIES: Series 1 (2" 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 = 0.6214in^3 S x-x = 0.3517in^4

TRAY WIDTH (IN.)	TRAY WEIGHT* (LBS./FT.)
6	2.51
9	2.68
12	2.85
18	3.19
24	3.54
30	4.39
36	4.84

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	
300	0.30	169	0.54	108	0.85	75	1.22																		

CATALOG NUMBERING EXAMPLE:

09 - 3416 - 0012 - 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 1*

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

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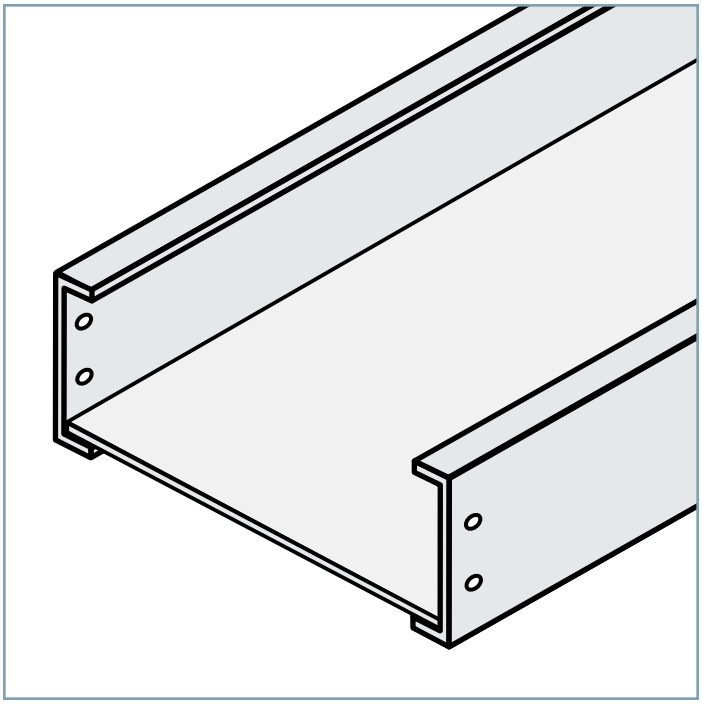
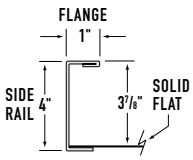
PW Cable Tray

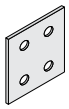
TRAY SYSTEM NUMBER **3416SF**



RAIL CROSS SECTION



CONNECTOR



AISI Type 316L **T**

GENERAL INFORMATION

NEMA TRAY TYPE:	Solid Flat
NEMA CLASS:	12B
MATERIAL:	AISI Type 316L Stainless Steel
SIDE RAIL:	4" high with 1" top flange
LOAD DEPTH:	3"
BOTTOM:	Solid Flat
FINISH:	Plain
CONSTRUCTION:	Arc welded
TRAY SERIES:	Series 1 (2" 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 = 0.6214in^3 S x-x = 0.3517in^4

TRAY WIDTH (IN.)	TRAY WEIGHT (LBS./FT.)
6	3.18
9	3.68
12	4.19
18	5.20
24	6.21
30	7.21
36	8.47

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

6		8		10		12		14		16		18		20		22		24		26		28		30	
300	0.30	169	0.54	108	0.85	75	1.22																		

CATALOG NUMBERING EXAMPLE:

SF - 3416 - 0012 - 36

Bottom Type
SF – Solid Flat

Tray System Number

Length
0010 – 10'-0"
0012* – 12'-0"
0020 – 20'-0"
0024 – 24'-0"
** Standard for Series 1*

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

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