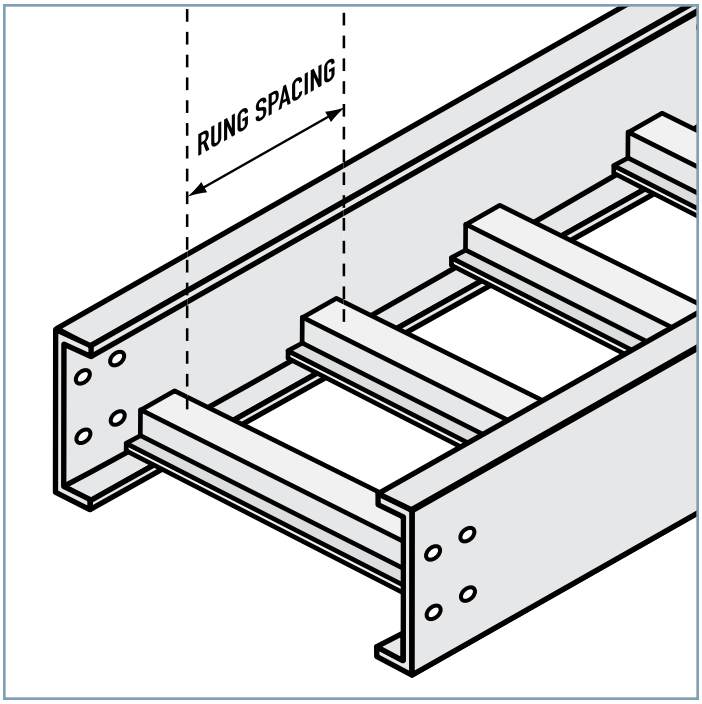
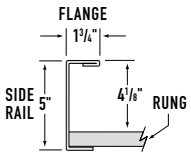
legrand® | Cablofil

PW Cable Tray

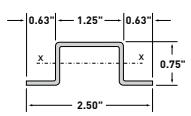
TRAY SYSTEM NUMBER **3593RS**



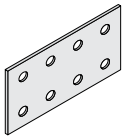
RAIL CROSS SECTION



RUNG CROSS SECTION



CONNECTOR



AISI Type 316L **T**

GENERAL INFORMATION

NEMA TRAY TYPE: Two Rail Ladder
NEMA CLASS: 20C
MATERIAL: AISI Type 316L Stainless Steel
SIDE RAIL: 5" high with 1 3/4" top flange
LOAD DEPTH: 4"
BOTTOM: 1 1/4" wide hat rung
FINISH: Plain
CONSTRUCTION: Resistance 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 = 3.1670in^3 S x-x = 1.4398in^4

TRAY WIDTH (IN.)	TRAY WEIGHT* (LBS./FT.)
6	5.02
9	5.19
12	5.36
18	5.71
24	6.05
30	6.91
36	7.35

**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	
		564	0.46	400	0.80	278	1.16	204	1.57	156	2.05	123	2.60	100	3.21	81	3.79	63	4.22						

CATALOG NUMBERING EXAMPLE:

09 - 3593 - 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"

Legrand/Cablofil
Phone 800-658-4641
618-566-3230
Fax 618-566-3250
8319 State Route 4
Mascoutah, IL 62258 USA

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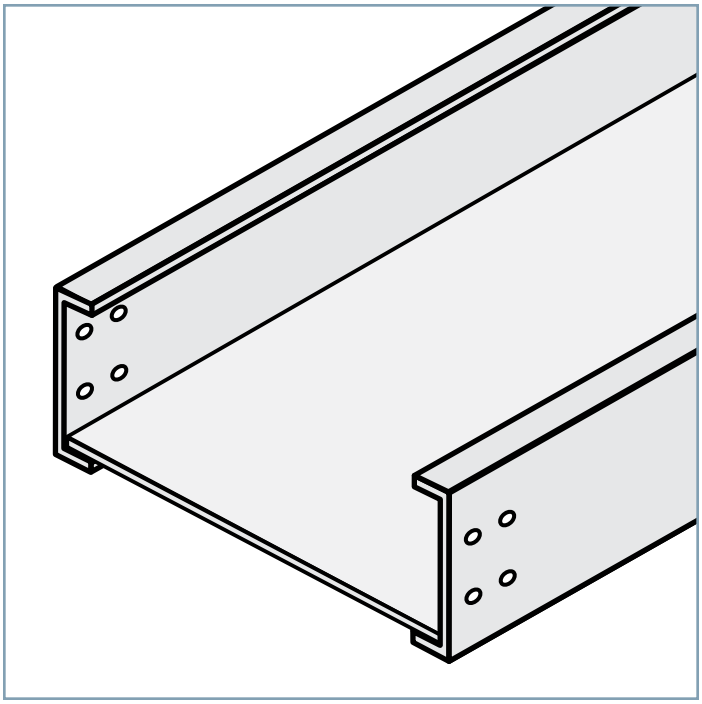
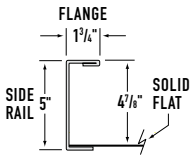
PW Cable Tray

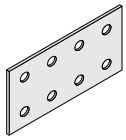
TRAY SYSTEM NUMBER **3593SF**



RAIL CROSS SECTION



CONNECTOR



AISI Type 316L **T**

GENERAL INFORMATION

NEMA TRAY TYPE: Solid Flat
NEMA CLASS: 20C
MATERIAL: AISI Type 316L Stainless Steel
SIDE RAIL: 5" high with 1 3/4" top flange
LOAD DEPTH: 4"
BOTTOM: Solid Flat
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 = 3.1670in^3 S x-x = 1.4398in^4

TRAY WIDTH (IN.)	TRAY WEIGHT (LBS./FT.)
6	5.69
9	6.20
12	6.70
18	7.71
24	8.72
30	9.72
36	10.98

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

6		8		10		12		14		16		18		20		22		24		26		28		30	
		564	0.46	400	0.80	278	1.16	204	1.57	156	2.05	123	2.60	100	3.21	81	3.79	63	4.22						

CATALOG NUMBERING EXAMPLE:

SF - 3593 - 0020 - 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 2*

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

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