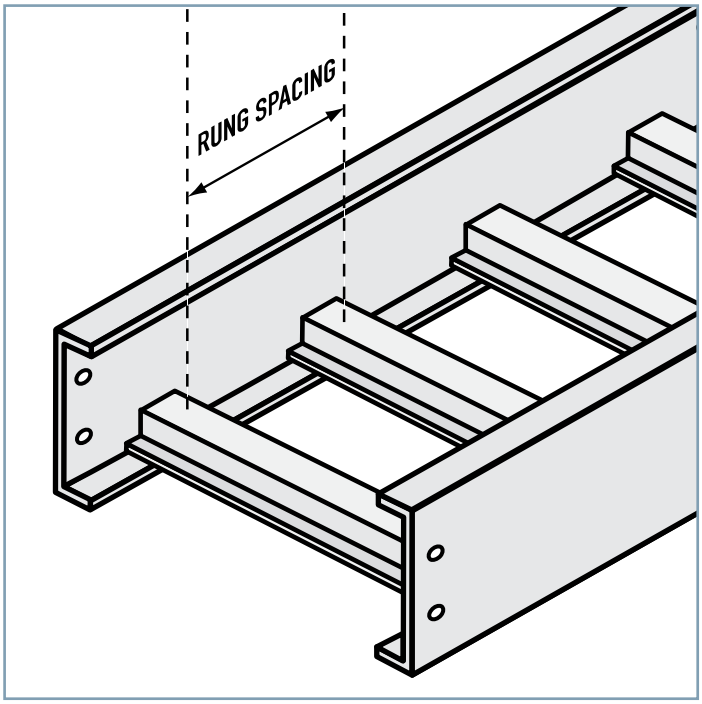
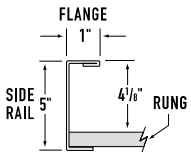
legrand® | Cablofil

PW Cable Tray

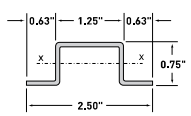
TRAY SYSTEM NUMBER **3505RS**



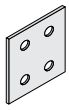
RAIL CROSS SECTION



RUNG CROSS SECTION



CONNECTOR



AISI Type 304L **L**

GENERAL INFORMATION

NEMA TRAY TYPE: Two Rail Ladder
NEMA CLASS: 12C
MATERIAL: AISI Type 304L Stainless Steel
SIDE RAIL: 5" high with 1" top flange
LOAD DEPTH: 4"
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 = 1.2925in^3 S x-x = 0.5645in^4

TRAY WIDTH (IN.)	TRAY WEIGHT* (LBS./FT.)
6	3.38
9	3.55
12	3.72
18	4.06
24	4.40
30	5.26
36	5.71

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	
400	0.23	225	0.41	144	0.64	100	0.93																		

CATALOG NUMBERING EXAMPLE:

09 - 3505 - 0012 - 36

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

Tray System Number

Length
0010 – 10'-0"
0012* – 12'-0"
** Standard for Series 1*

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

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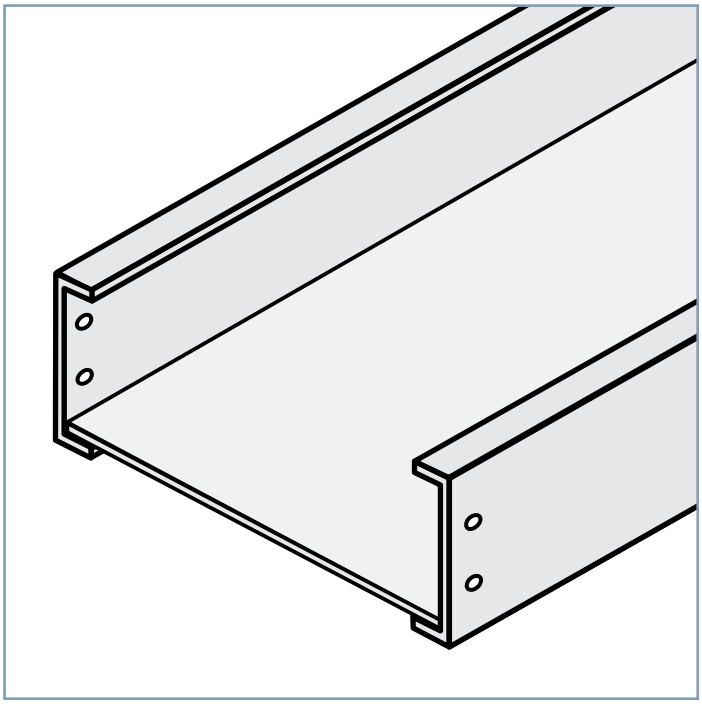
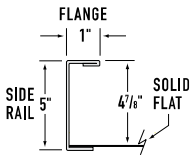
PW Cable Tray

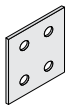
TRAY SYSTEM NUMBER **3505SF**



RAIL CROSS SECTION



CONNECTOR



AISI Type 304L **L**

GENERAL INFORMATION

NEMA TRAY TYPE: Solid Flat
NEMA CLASS: 12C
MATERIAL: AISI Type 304L Stainless Steel
SIDE RAIL: 5" high with 1" top flange
LOAD DEPTH: 4"
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 = 1.2925in^3 S x-x = 0.5645in^4

TRAY WIDTH (IN.)	TRAY WEIGHT (LBS./FT.)
6	4.05
9	4.55
12	5.06
18	6.07
24	7.08
30	8.08
36	9.34

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

6		8		10		12		14		16		18		20		22		24		26		28		30	
400	0.23	225	0.41	144	0.64	100	0.93																		

CATALOG NUMBERING EXAMPLE:

SF-3505-0012-36

- **Bottom Type** — **SF** – Solid Flat
- **Tray System Number** — 3505
- **Length** — **0010** – 10'-0"; **0012*** – 12'-0" (* Standard for Series 1)
- **Width** — **06** – 6"; **09** – 9"; **12** – 12"; **18** – 18"; **24** – 24"; **30** – 30"; **36** – 36"

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