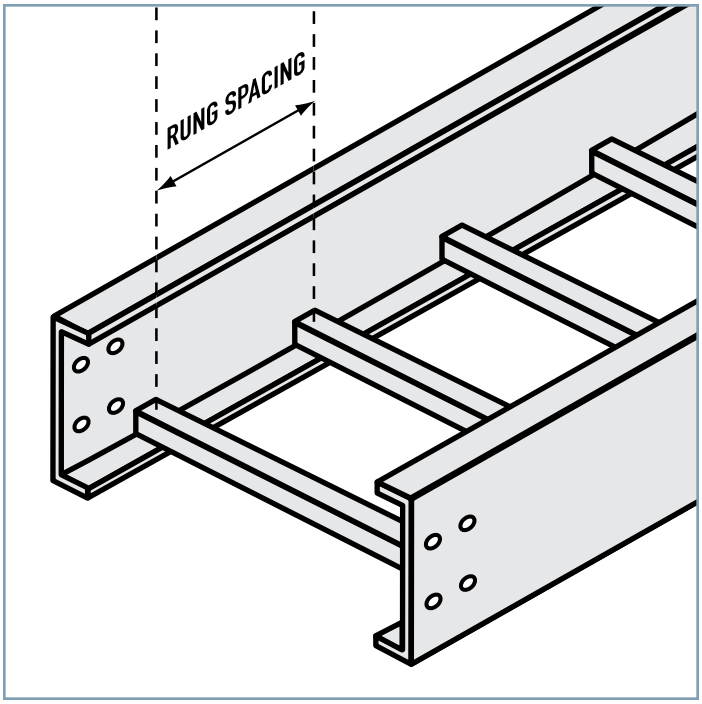
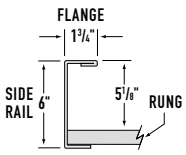
legrand® | Cablofil

PW Cable Tray

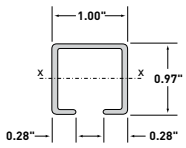
TRAY SYSTEM NUMBER **1F53RS**



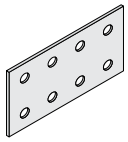
RAIL CROSS SECTION



RUNG CROSS SECTION



CONNECTOR



Steel, Hot-dip galvanized **G**

Legrand/Cablofil trays marked with CSA load class have been tested (loading, finish and electrical) by UL to CSA standard 126 22.2 .

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: 20C
CSA CLASS: E, 6M
MATERIAL: Commercial quality steel / ASTM A-1008 / A-1011
SIDE RAIL: 6" high with 1 3/4" top flange
LOAD DEPTH: 5"
BOTTOM: 1" wide box rung
FINISH: Hot-dip galvanized after fabrication / ASTM A-123
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, CSA C22.2 No. 126.

TRAY GROUNDING CAPABILITY: Classified as an equipment grounding conductor per N.E.C. 392.7 with a maximum 400 ampere rating. UL Cross Sectional area: 1.00 in^2

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

MECHANICAL PROPERTIES:
One rail: I x-x = 3.4185in^3 S x-x = 1.2324in^4

TRAY WIDTH (IN.)	TRAY WEIGHT* (LBS./FT.)
6	5.28
9	5.47
12	5.65
18	6.01
24	6.38
30	6.74
36	7.11

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	
		439	0.20	439	0.50	319	0.75	235	1.02	180	1.34	142	1.69	115	2.09	93	2.48	73	2.75						

CATALOG NUMBERING EXAMPLE:

09 - 1F53 - 0020 - 36

Bottom Type
06 – 6" Rung Spacing
09 – 9" Rung Spacing*
12 – 12" Rung Spacing
18 – 18" Rung Spacing**
** Standard rung spacing*
*** Not CUL Classified*

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

Publication Date: 3/10
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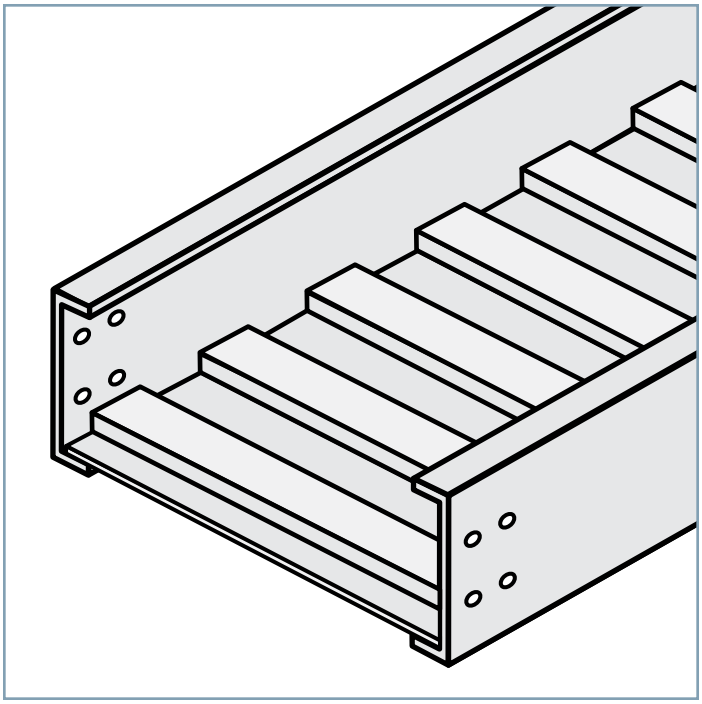
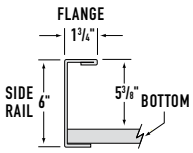
PW Cable Tray

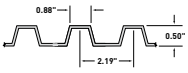
TRAY SYSTEM NUMBER **1F53SC**



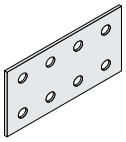
RAIL CROSS SECTION



BOTTOM CROSS SECTION



CONNECTOR



Steel, Hot-dip galvanized **G**

c UL

Legrand/Cablofil trays marked with CSA load class have been tested (loading, finish and electrical) by UL to CSA standard 126 22.2 .

CLASSIFIED UL

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

GENERAL INFORMATION

NEMA TRAY TYPE: Solid Corrugated
NEMA CLASS: 20C
CSA CLASS: D, 6M
MATERIAL: Commercial quality steel / ASTM A-1008 / A-1011
SIDE RAIL: 6" high with 1 3/4" top flange
LOAD DEPTH: 5"
BOTTOM: Solid Corrugated
FINISH: Hot-dip galvanized after fabrication / ASTM A-123
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, CSA C22.2 No. 126.

TRAY GROUNDING CAPABILITY: Classified as an equipment grounding conductor per N.E.C. 392.7 with a maximum 400 ampere rating. UL Cross Sectional area: 1.00 in^2

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

MECHANICAL PROPERTIES:
One rail: I x-x = 3.4185in^3 S x-x = 1.2324in^4

TRAY WIDTH (IN.)	TRAY WEIGHT (LBS./FT.)
6	5.80
9	6.25
12	6.71
18	7.62
24	8.53
30	9.44
36	10.35

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

6		8		10		12		14		16		18		20		22		24		26		28		30	
		439	0.20	439	0.50	319	0.75	235	1.02	180	1.34	142	1.69	115	2.09	93	2.48	73	2.75						

CATALOG NUMBERING EXAMPLE:

SC - 1F53 - 0020 - 36

Bottom Type
SC – Solid Corrugated

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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Publication Date: 3/10
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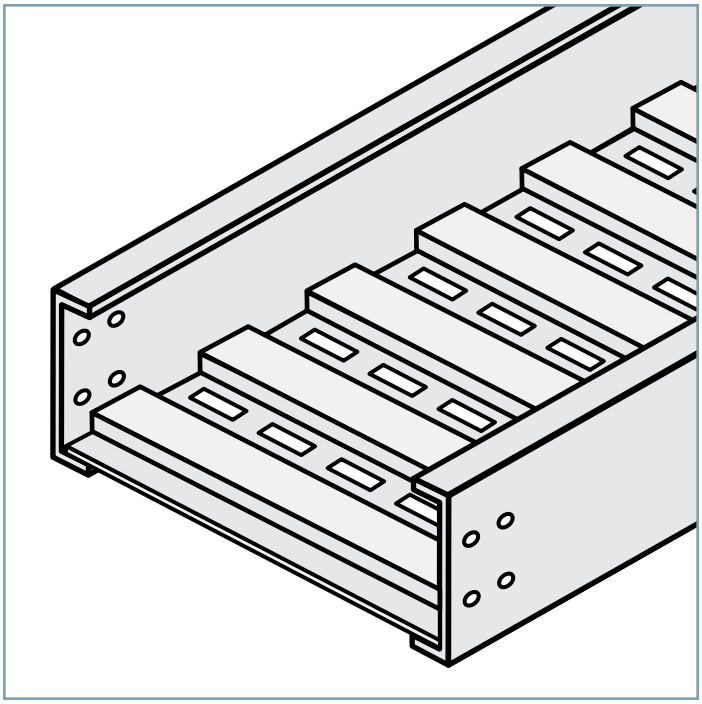
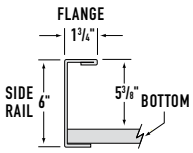
PW Cable Tray

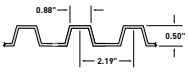
TRAY SYSTEM NUMBER **1F53VC**



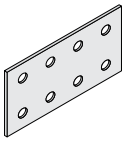
RAIL CROSS SECTION



BOTTOM CROSS SECTION



CONNECTOR



Steel,
Hot-dip galvanized **G**

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

GENERAL INFORMATION

NEMA TRAY TYPE: Vented Corrugated
NEMA CLASS: 20C
CSA CLASS: D, 6M
MATERIAL: Commercial quality steel / ASTM A-1008 / A-1011
SIDE RAIL: 6" high with 1 3/4" top flange
LOAD DEPTH: 5"
BOTTOM: Vented Corrugated
FINISH: Hot-dip galvanized after fabrication / ASTM A-123
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, CSA C22.2 No. 126.

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CATALOG NUMBERING EXAMPLE:

VC - 1F53 - 0020 - 36

Bottom Type
VC – Vented Corrugated

Tray System Number

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

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06 – 6"
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