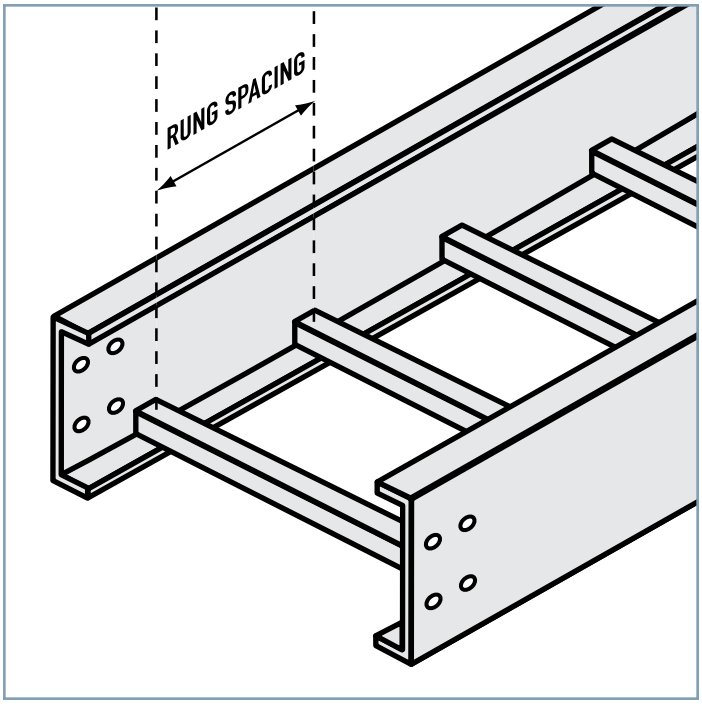
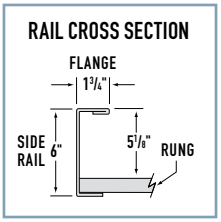
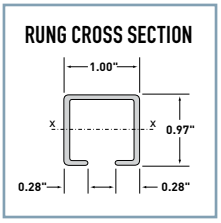
legrand® | Cablofil

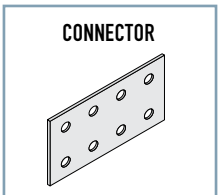
PW Cable Tray

TRAY SYSTEM NUMBER **1F45RS**









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: 20B, 16C
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 = 2.7718in^3 S x-x = 1.0001in^4

TRAY WIDTH (IN.)	TRAY WEIGHT* (LBS./FT.)
6	4.14
9	4.33
12	4.51
18	4.87
24	5.24
30	5.60
36	5.97

**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	0.08	439	0.25	336	0.47	233	0.68	171	0.92	131	1.20	104	1.52	84	1.88	68	2.24	53	2.47						

CATALOG NUMBERING EXAMPLE:

09 - 1F45 - 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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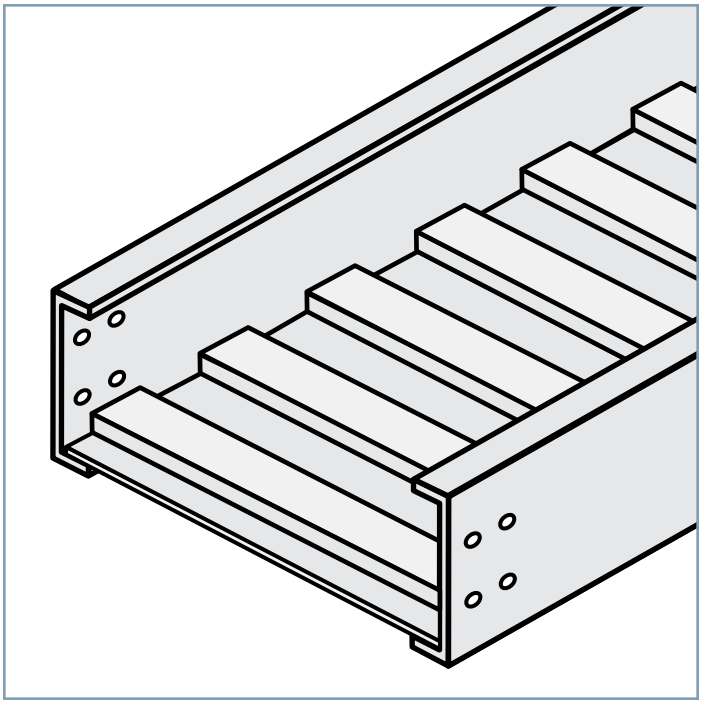
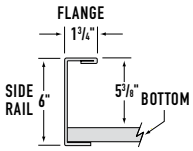
PW Cable Tray

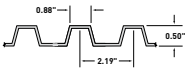
TRAY SYSTEM NUMBER **1F45SC**



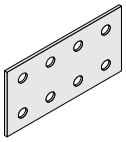
RAIL CROSS SECTION



BOTTOM 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: Solid Corrugated
NEMA CLASS: 20B, 16C
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 = 2.7718in^3 S x-x = 1.0001in^4

TRAY WIDTH (IN.)	TRAY WEIGHT (LBS./FT.)
6	4.66
9	5.11
12	5.57
18	6.48
24	7.39
30	8.30
36	9.21

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

6		8		10		12		14		16		18		20		22		24		26		28		30	
439	0.08	439	0.25	336	0.47	233	0.68	171	0.92	131	1.20	104	1.52	84	1.88	68	2.24	53	2.47						

CATALOG NUMBERING EXAMPLE:

SC - 1F45 - 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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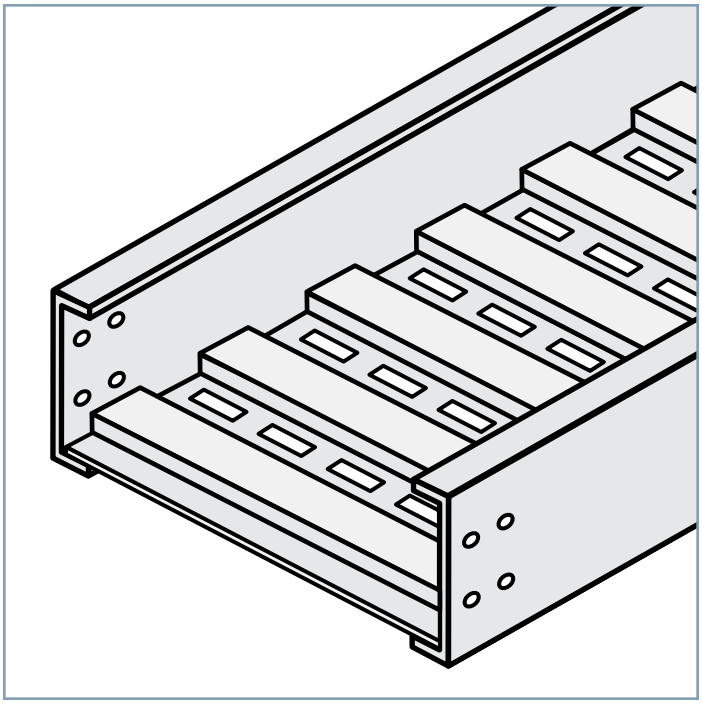
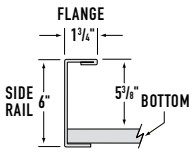
PW Cable Tray

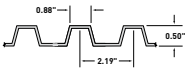
TRAY SYSTEM NUMBER **1F45VC**



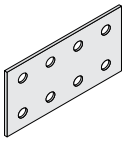
RAIL CROSS SECTION



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: Vented Corrugated
NEMA CLASS: 20B, 16C
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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24	7.39
30	8.30
36	9.21

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

6		8		10		12		14		16		18		20		22		24		26		28		30	
439	0.08	439	0.25	336	0.47	233	0.68	171	0.92	131	1.20	104	1.52	84	1.88	68	2.24	53	2.47						

CATALOG NUMBERING EXAMPLE:

VC - 1F45 - 0020 - 36

Bottom Type
VC – Vented 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"
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