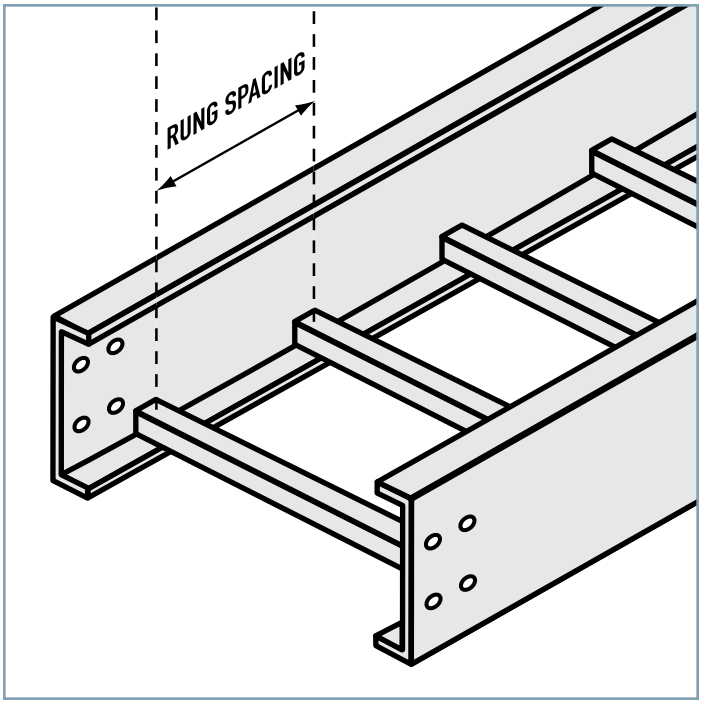
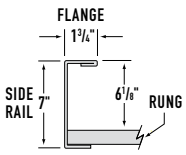
legrand® | Cablofil

PW Cable Tray

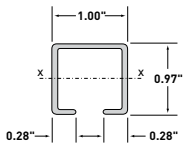
TRAY SYSTEM NUMBER **1755RS**



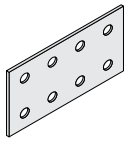
RAIL CROSS SECTION



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: 20B, 16C
CSA CLASS: E, 6M
MATERIAL: Commercial quality steel / ASTM A-1008 / A-1011
SIDE RAIL: 7" high with 1 3/4" top flange
LOAD DEPTH: 6"
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 = 4.0298in^3 S x-x = 1.2366in^4

TRAY WIDTH (IN.)	TRAY WEIGHT* (LBS./FT.)
6	4.99
9	5.17
12	5.36
18	5.72
24	6.09
30	6.45
36	6.82

**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	0.07	439	0.22	300	0.38	208	0.54	153	0.73	117	0.96	93	1.22	75	1.50	61	1.79	50	2.08						

CATALOG NUMBERING EXAMPLE:

09 - 1755 - 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"

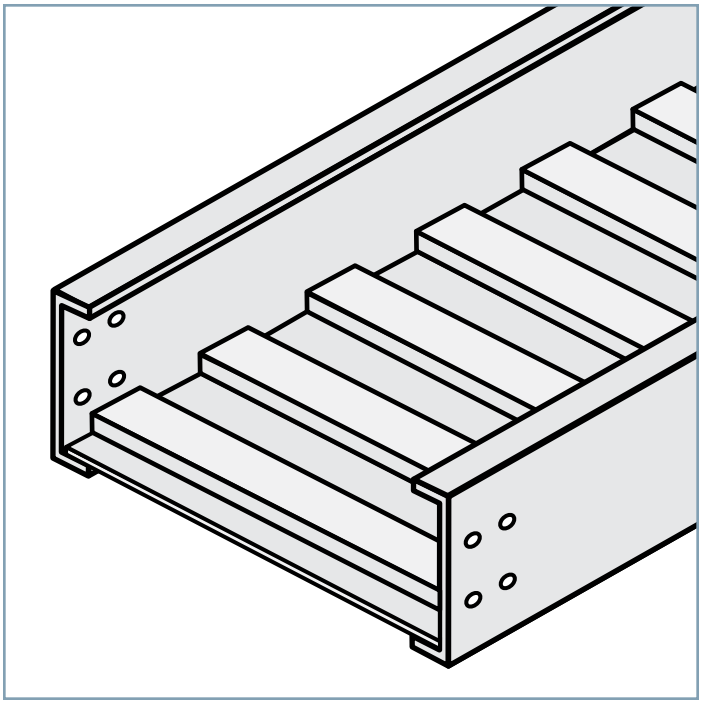
Legrand/Cablofil
Phone 800-658-4641
618-566-3230
Fax 618-566-3250
8319 State Route 4
Mascoutah, IL 62258 USA

Publication Date: 3/10
Copyright © 2010 Legrand/Cablofil

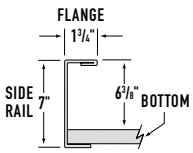
legrand® | Cablofil

PW Cable Tray

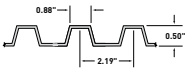
TRAY SYSTEM NUMBER **1755SC**



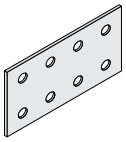
RAIL CROSS SECTION



BOTTOM CROSS SECTION



CONNECTOR



Steel,
Hot-dip galvanized **G**

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:	20B, 16C
CSA CLASS:	N/A
MATERIAL:	Commercial quality steel / ASTM A-1008 / A-1011
SIDE RAIL:	7" high with 1 3/4" top flange
LOAD DEPTH:	6"
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.

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 = 4.0298in^3 S x-x = 1.2366in^4

TRAY WIDTH (IN.)	TRAY WEIGHT (LBS./FT.)
6	5.47
9	5.93
12	6.38
18	7.29
24	8.20
30	9.11
36	10.02

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

6		8		10		12		14		16		18		20		22		24		26		28		30	
439	0.07	439	0.22	300	0.38	208	0.54	153	0.73	117	0.96	93	1.22	75	1.50	61	1.79	50	2.08						

CATALOG NUMBERING EXAMPLE:

SC - 1755 - 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"

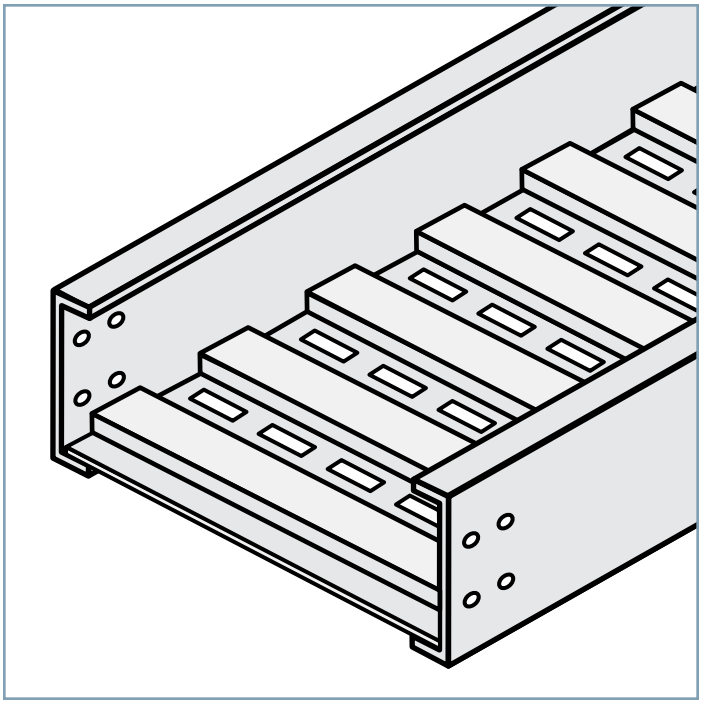
Legrand/Cablofil
Phone 800-658-4641
618-566-3230
Fax 618-566-3250
8319 State Route 4
Mascoutah, IL 62258 USA

Publication Date: 3/10
Copyright © 2010 Legrand/Cablofil

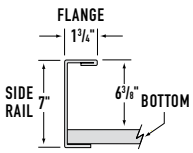
legrand® | Cablofil

PW Cable Tray

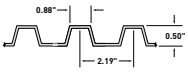
TRAY SYSTEM NUMBER **1755VC**



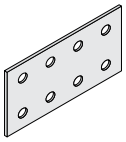
RAIL CROSS SECTION



BOTTOM CROSS SECTION



CONNECTOR



Steel,
Hot-dip galvanized **G**

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:	N/A
MATERIAL:	Commercial quality steel / ASTM A-1008 / A-1011
SIDE RAIL:	7" high with 1 3/4" top flange
LOAD DEPTH:	6"
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.

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 = 4.0298in^3 S x-x = 1.2366in^4

TRAY WIDTH (IN.)	TRAY WEIGHT (LBS./FT.)
6	5.47
9	5.93
12	6.38
18	7.29
24	8.20
30	9.11
36	10.02

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

6		8		10		12		14		16		18		20		22		24		26		28		30	
439	0.07	439	0.22	300	0.38	208	0.54	153	0.73	117	0.96	93	1.22	75	1.50	61	1.79	50	2.08						

CATALOG NUMBERING EXAMPLE:

VC - 1755 - 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"
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
Copyright © 2010 Legrand/Cablofil