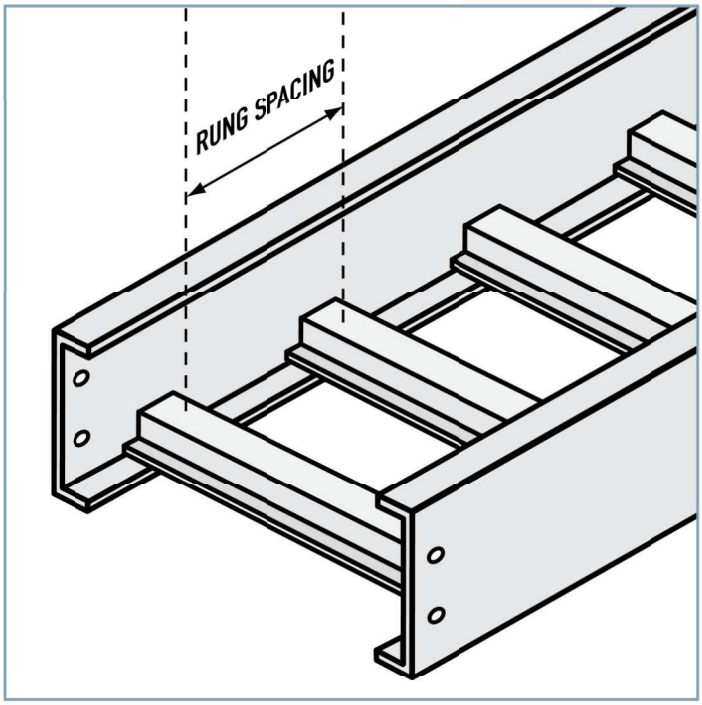
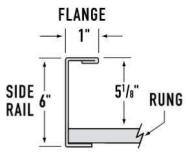
legrand® | Cablofil

PW Cable Tray

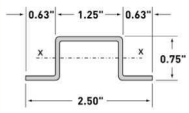
TRAY SYSTEM NUMBER **A639RS**



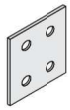
RAIL CROSS SECTION



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: 12C
CSA CLASS: D, 3M
MATERIAL: Commercial quality steel / ASTM A-1008 / A-1011
SIDE RAIL: 6" high with 1" top flange
LOAD DEPTH: 5"
BOTTOM: 1 1/4" wide hat rung
FINISH: Hot-dip galvanized after fabrication / ASTM A-123
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, CSA C22.2 No. 126.

TRAY GROUNDING CAPABILITY: Classified as an equipment grounding conductor per N.E.C. 392.7 with a maximum 100 ampere rating. UL Cross Sectional area: 0.40 in^2

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

MECHANICAL PROPERTIES:
One rail: I x-x = 1.7873in^3 S x-x = 0.6733in^4

TRAY WIDTH (IN.)	TRAY WEIGHT* (LBS./FT.)
6	3.18
9	3.36
12	3.54
18	3.89
24	4.24
30	5.11
36	5.57

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	
420	0.13	236	0.22	151	0.35	105	0.50																		

CATALOG NUMBERING EXAMPLE:

09 - A639 - 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"

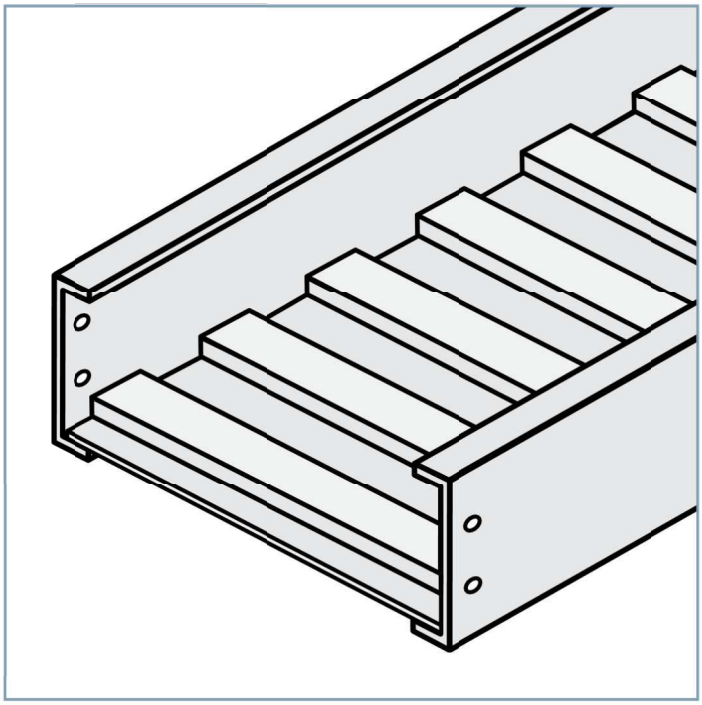
Legrand/Cablofil
Phone 800-658-4641
618-566-3230
Fax 618-566-3250
8319 State Route 4
Mascoutah, IL 62258 USA

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

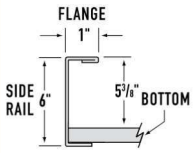
legrand® | Cablofil

PW Cable Tray

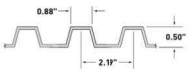
TRAY SYSTEM NUMBER **A639SC**



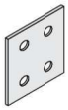
RAIL CROSS SECTION



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: 12C
CSA CLASS: D, 3M
MATERIAL: Commercial quality steel / ASTM A-1008 / A-1011
SIDE RAIL: 6" high with 1" top flange
LOAD DEPTH: 5"
BOTTOM: Solid Corrugated
FINISH: Hot-dip galvanized after fabrication / ASTM A-123
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, CSA C22.2 No. 126.

TRAY GROUNDING CAPABILITY: Classified as an equipment grounding conductor per N.E.C. 392.7 with a maximum 100 ampere rating. UL Cross Sectional area: 0.40 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 = 1.7873in^3 S x-x = 0.6733in^4

TRAY WIDTH (IN.)	TRAY WEIGHT (LBS./FT.)
6	3.71
9	4.17
12	4.62
18	5.53
24	6.44
30	7.35
36	8.26

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

6		8		10		12		14		16		18		20		22		24		26		28		30	
420	0.13	236	0.22	151	0.35	105	0.50																		

CATALOG NUMBERING EXAMPLE:

SC - A639 - 0012 - 36

- **Bottom Type**: **SC** – Solid Corrugated
- **Tray System Number**: A639
- **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"

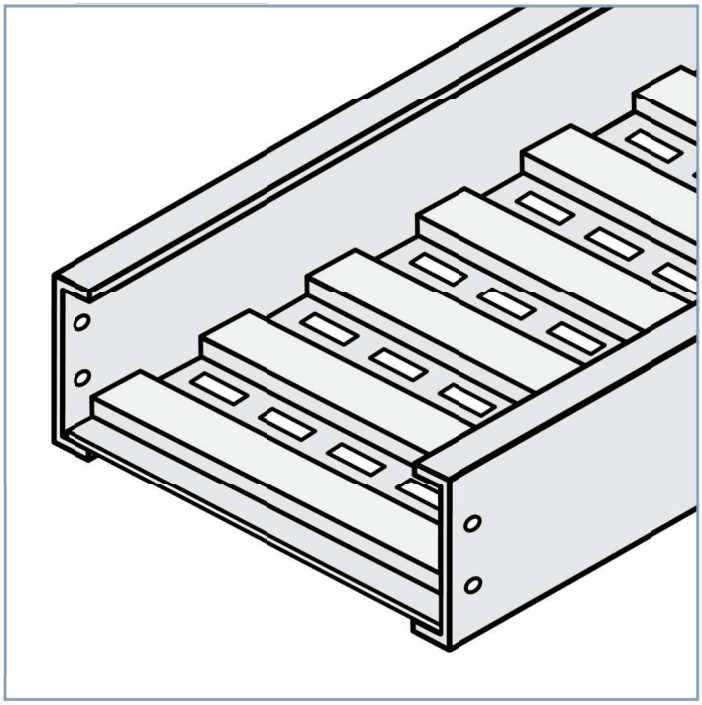
Legrand/Cablofil
Phone 800-658-4641
618-566-3230
Fax 618-566-3250
8319 State Route 4
Mascoutah, IL 62258 USA

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

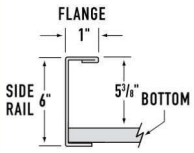
legrand® | Cablofil

PW Cable Tray

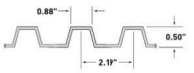
TRAY SYSTEM NUMBER **A639VC**



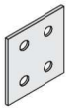
RAIL CROSS SECTION



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: Vented Corrugated
NEMA CLASS: 12C
CSA CLASS: D, 3M
MATERIAL: Commercial quality steel / ASTM A-1008 / A-1011
SIDE RAIL: 6" high with 1" top flange
LOAD DEPTH: 5"
BOTTOM: Vented Corrugated
FINISH: Hot-dip galvanized after fabrication / ASTM A-123
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, CSA C22.2 No. 126.

TRAY GROUNDING CAPABILITY: Classified as an equipment grounding conductor per N.E.C. 392.7 with a maximum 100 ampere rating. UL Cross Sectional area: 0.40 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 = 1.7873in^3 S x-x = 0.6733in^4

TRAY WIDTH (IN.)	TRAY WEIGHT (LBS./FT.)
6	3.71
9	4.17
12	4.62
18	5.53
24	6.44
30	7.35
36	8.26

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

6		8		10		12		14		16		18		20		22		24		26		28		30	
420	0.13	236	0.22	151	0.35	105	0.50																		

CATALOG NUMBERING EXAMPLE:

VC - A639 - 0012 - 36

- **Bottom Type**: **VC** – Vented Corrugated
- **Tray System Number**: A639
- **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"

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