

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:** D, 6M  
**MATERIAL:** Commercial quality steel / ASTM A-1008 / A-1011  
**SIDE RAIL:** 5" high with 1 3/4" top flange  
**LOAD DEPTH:** 4"  
**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<sup>2</sup>  
**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:  $I_{x-x} = 3.1670 \text{ in}^4$   $S_{x-x} = 1.4398 \text{ in}^3$

TRAY WIDTH (IN.)	TRAY WEIGHT* (LBS./FT.)
6	4.92
9	5.11
12	5.29
18	5.65
24	6.02
30	6.38
36	6.75

\*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	0.34	400	0.75	278	1.08	204	1.47	156	1.92	123	2.43	100	3.00	81	3.54	60	4.13						

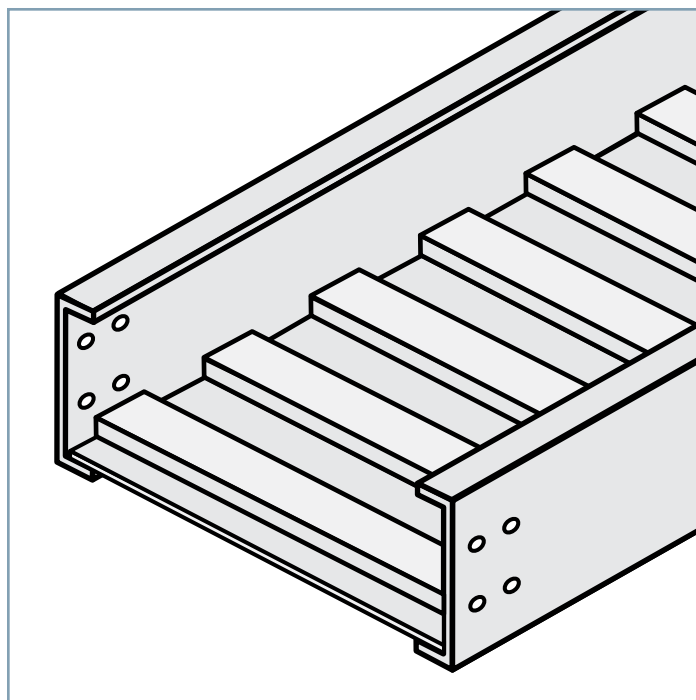
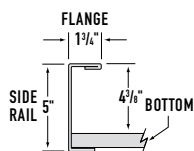
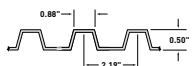
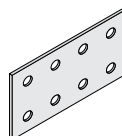
### CATALOG NUMBERING EXAMPLE:

09-1E53-0020-36			
Bottom Type	Tray System Number	Length	Width
06 - 6" Rung Spacing		0010 - 10'-0"	06 - 6"
09 - 9" Rung Spacing*		0012 - 12'-0"	09 - 9"
12 - 12" Rung Spacing		0020* - 20'-0"	12 - 12"
18 - 18" Rung Spacing**		0024 - 24'-0"	18 - 18"
* Standard rung spacing		* Standard for Series 2	24 - 24"
** Not CUL Classified			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


**RAIL CROSS SECTION**

**BOTTOM CROSS SECTION**

**CONNECTOR**

Steel,  
Hot-dip galvanized

**G**


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

**GENERAL INFORMATION**

<b>NEMA TRAY TYPE:</b>	Solid Corrugated
<b>NEMA CLASS:</b>	20C
<b>CSA CLASS:</b>	N/A
<b>MATERIAL:</b>	Commercial quality steel / ASTM A-1008 / A-1011
<b>SIDE RAIL:</b>	5" high with 1 3/4" top flange
<b>LOAD DEPTH:</b>	4"
<b>BOTTOM:</b>	Solid Corrugated
<b>FINISH:</b>	Hot-dip galvanized after fabrication / ASTM A-123
<b>CONSTRUCTION:</b>	Resistance welded
<b>TRAY SERIES:</b>	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<sup>2</sup>

**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:  $I_{x-x} = 3.1670 \text{ in}^3$   $S_{x-x} = 1.4398 \text{ in}^4$

TRAY WIDTH (IN.)	TRAY WEIGHT (LBS./FT.)
6	5.40
9	5.86
12	6.31
18	7.23
24	8.14
30	9.05
36	9.96

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

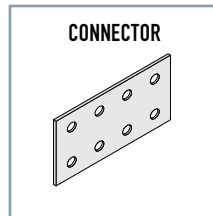
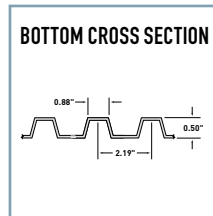
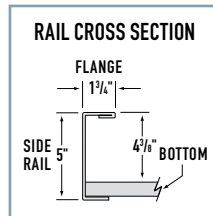
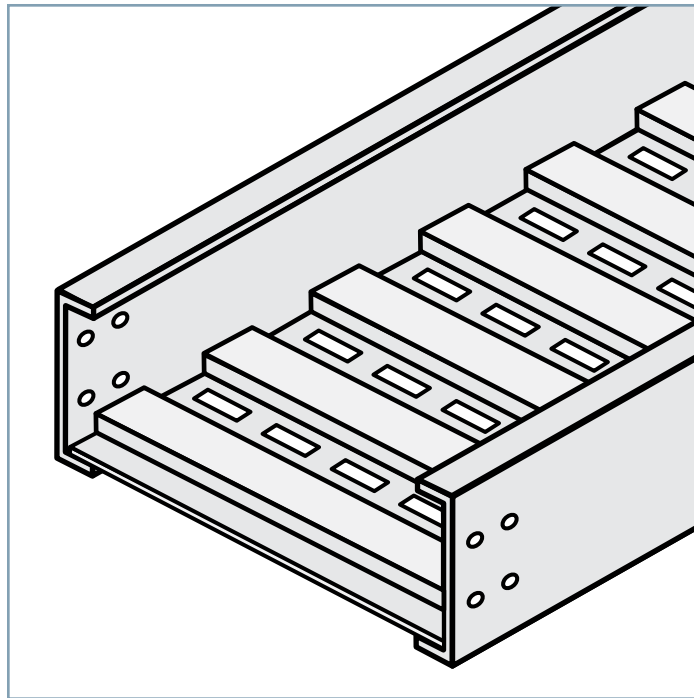
6		8		10		12		14		16		18		20		22		24		26		28		30	
		439	0.34	400	0.75	278	1.08	204	1.47	156	1.92	123	2.43	100	3.00	81	3.54	60	4.13						

**CATALOG NUMBERING EXAMPLE:**

SC - 1 E 53 - 0020 - 36				
Bottom Type	Tray System Number	Length	Width	
SC - Solid Corrugated		0010 - 10'-0"	06 - 6"	
		0012 - 12'-0"	09 - 9"	
		0020* - 20'-0"	12 - 12"	
		0024 - 24'-0"	18 - 18"	
		* Standard for Series 2	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


Steel,  
Hot-dip galvanized

**G**


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

### GENERAL INFORMATION

<b>NEMA TRAY TYPE:</b>	Vented Corrugated
<b>NEMA CLASS:</b>	20C
<b>CSA CLASS:</b>	N/A
<b>MATERIAL:</b>	Commercial quality steel / ASTM A-1008 / A-1011
<b>SIDE RAIL:</b>	5" high with 1 3/4" top flange
<b>LOAD DEPTH:</b>	4"
<b>BOTTOM:</b>	Vented Corrugated
<b>FINISH:</b>	Hot-dip galvanized after fabrication / ASTM A-123
<b>CONSTRUCTION:</b>	Resistance welded
<b>TRAY SERIES:</b>	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<sup>2</sup>

**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:  $I_{x-x} = 3.1670 \text{ in}^3$   $S_{x-x} = 1.4398 \text{ in}^4$

TRAY WIDTH (IN.)	TRAY WEIGHT (LBS./FT.)
6	5.40
9	5.86
12	6.31
18	7.23
24	8.14
30	9.05
36	9.96

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

6		8		10		12		14		16		18		20		22		24		26		28		30	
		439	0.34	400	0.75	278	1.08	204	1.47	156	1.92	123	2.43	100	3.00	81	3.54	60	4.13						

### CATALOG NUMBERING EXAMPLE:

VC - 1E53 - 0020 - 36			
<b>Bottom Type</b> VC - Vented Corrugated	<b>Tray System Number</b>	<b>Length</b> 0010 - 10'-0" 0012 - 12'-0" 0020* - 20'-0" 0024 - 24'-0" * Standard for Series 2	<b>Width</b> 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