

Steel,
Hot-dip galvanized

G



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: N/A
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.
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 in²
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: $I_{x-x} = 2.3334 \text{ in}^3$ $S_{x-x} = 1.0632 \text{ in}^4$

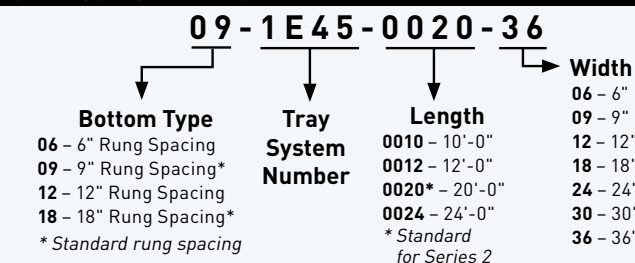
TRAY WIDTH (IN.)	TRAY WEIGHT* (LBS./FT.)
6	3.87
9	4.06
12	4.24
18	4.60
24	4.97
30	5.33
36	5.70

*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	0.11	439	0.37	304	0.62	211	0.90	155	1.22	119	1.59	94	2.02	76	2.49	61	2.92	50	3.38						

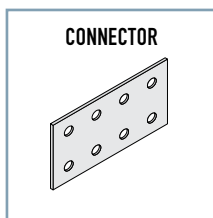
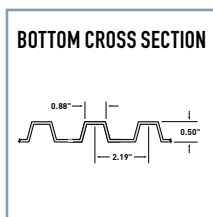
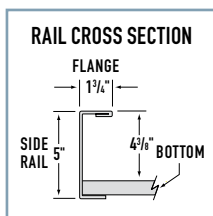
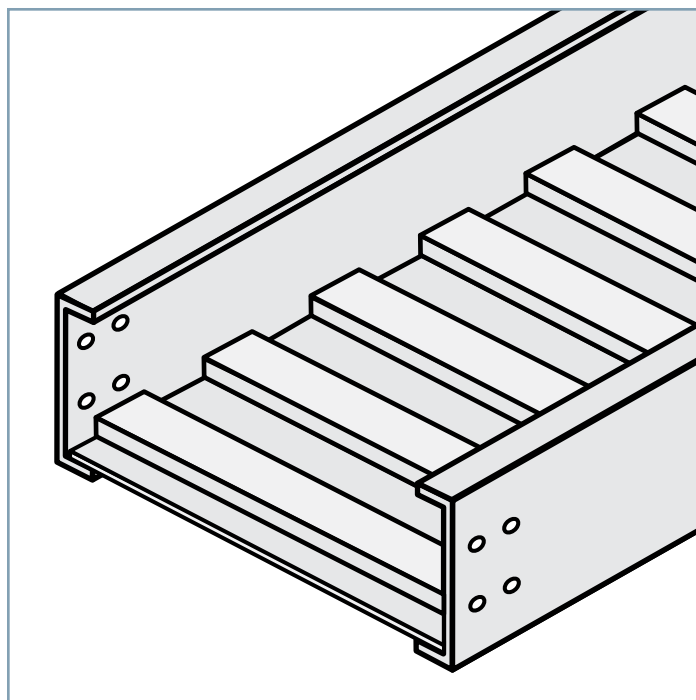
CATALOG NUMBERING EXAMPLE:



Legrand/Cablofil

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 Mascoutah, IL 62258 USA

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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:	5" high with 1 3/4" top flange
LOAD DEPTH:	4"
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 in²

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: $I_{x-x} = 2.3334 \text{ in}^3$ $S_{x-x} = 1.0632 \text{ in}^4$

TRAY WIDTH (IN.)	TRAY WEIGHT (LBS./FT.)
6	4.36
9	4.81
12	5.27
18	6.18
24	7.09
30	8.00
36	8.91

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

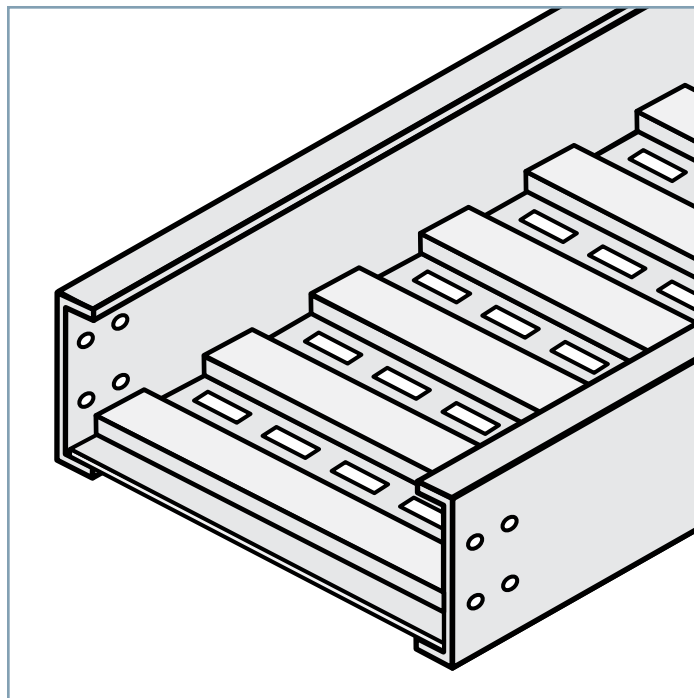
6		8		10		12		14		16		18		20		22		24		26		28		30	
439	0.11	439	0.37	304	0.62	211	0.90	155	1.22	119	1.59	94	2.02	76	2.49	61	2.92	50	3.38						

CATALOG NUMBERING EXAMPLE:

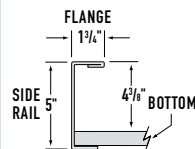
SC - 1E45 - 0020 - 36			
Bottom Type SC - Solid Corrugated	Tray System Number	Length 0010 - 10'-0" 0012 - 12'-0" 0020* - 20'-0" 0024 - 24'-0" * Standard for Series 2	Width 06 - 6" 09 - 9" 12 - 12" 18 - 18" 24 - 24" 30 - 30" 36 - 36"

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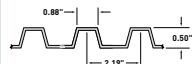
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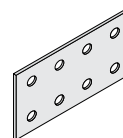
RAIL CROSS SECTION



BOTTOM CROSS SECTION



CONNECTOR


Steel,
Hot-dip galvanized

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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:	5" high with 1 3/4" top flange
LOAD DEPTH:	4"
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 in²

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 = 2.3334in³ S x-x = 1.0632in⁴

TRAY WIDTH (IN.)	TRAY WEIGHT (LBS./FT.)
6	4.36
9	4.81
12	5.27
18	6.18
24	7.09
30	8.00
36	8.91

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

6		8		10		12		14		16		18		20		22		24		26		28		30	
439	0.11	439	0.37	304	0.62	211	0.90	155	1.22	119	1.59	94	2.02	76	2.49	61	2.92	50	3.38						

CATALOG NUMBERING EXAMPLE:

VC - 1E45 - 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"

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