

Steel,
Hot-dip galvanized

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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 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: $I_{x-x} = 2.7718 \text{ in}^4$ $S_{x-x} = 1.0001 \text{ in}^3$

| 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:

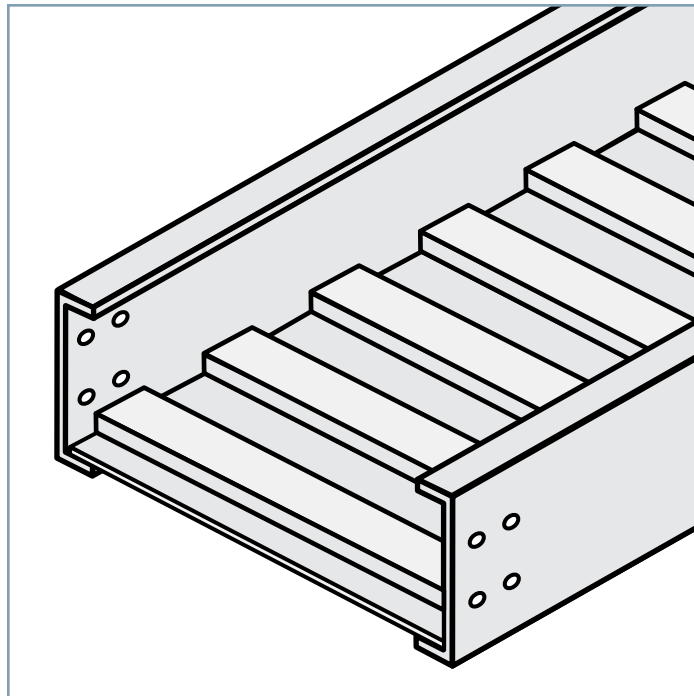
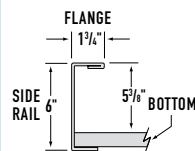
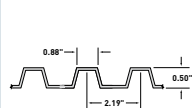
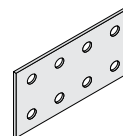
| 09 - 1F45 - 0020 - 36 | | | |
|-------------------------|--------------------|-------------------------|----------|
| Bottom Type | Tray System Number | Length | Width |
| 06 - 6" Rung Spacing | | 0010 - 10'-0" | 06 - 6" |
| 09 - 9" Rung Spacing* | | 0012 - 12'-0" | 09 - 9" |
| 12 - 12" Rung Spacing | | 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

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RAIL CROSS SECTION

BOTTOM CROSS SECTION

CONNECTOR


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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 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: $I_{x-x} = 2.7718 \text{ in}^3$ $S_{x-x} = 1.0001 \text{ in}^4$

| 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.)

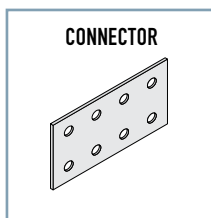
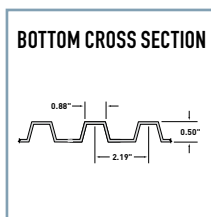
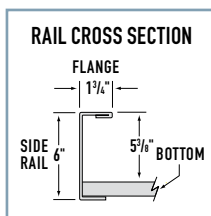
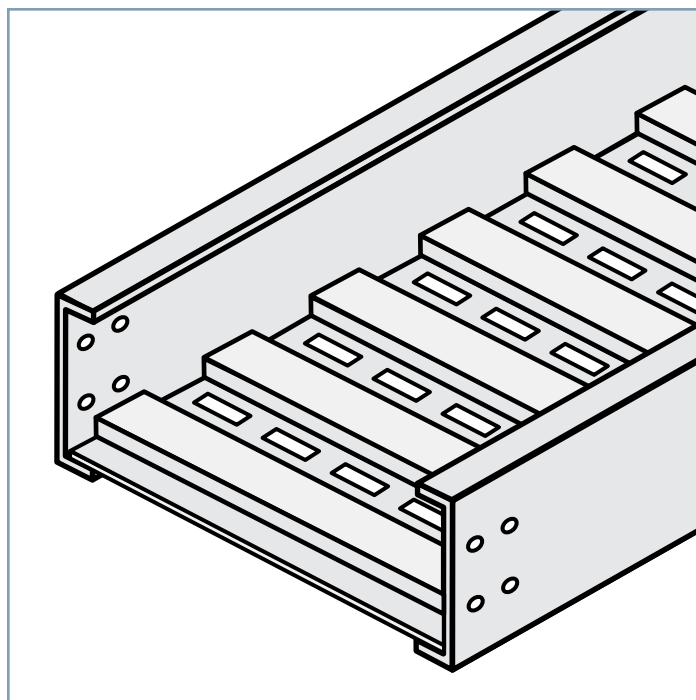
| 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 |
|------------|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|----|----|----|
| 439 0.08 | 439 0.25 | 336 0.47 | 233 0.68 | 171 0.92 | 131 1.20 | 104 1.52 | 84 1.88 | 68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

CATALOG NUMBERING EXAMPLE:

| SC - 1 F 45 - 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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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)

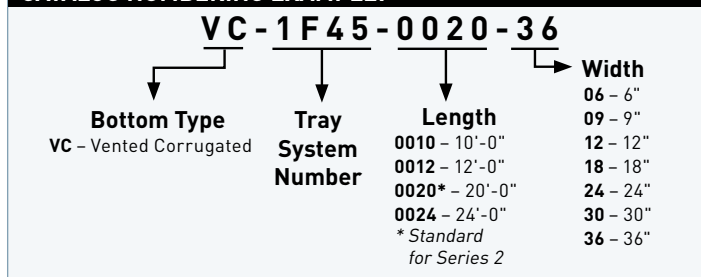
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