Cable tray tee specification 6



Overview

6A-06-VT24 | Eaton B-Line series vertical tee | Specifications | EatonGeneral specifications Product Name Eaton B-Line series vertical tee Catalog Number 6.

Key Takeaways

A 6-inch cable tray tee is available in ladder or solid-bottom configurations, typically made from aluminum or galvanized steel, supporting three-way cable routing with rail heights from 4 to 7 inches.

Key Specifications

Dimensions and ConfigurationWidth: 6 inches (other widths range up to 36 inches)Rail Heights: 4", 5", 6", or 7"Radius: 12"–36" for smooth cable routingTee Type: Horizontal fittings enabling three-way cable routingTray Types: Ladder tray with 1" I-shaped rungs or solid-bottom tray with flat sheet over rungs Materials and Corrosion ResistanceAluminum: 6063-T6 heat-treated extrusions, lightweight, high-strength, corrosion-resistant, suitable for salt-laden or outdoor environmentsCarbon Steel: Hot-dip galvanized zinc coating (ASTM A123/A123M, Coating Grade 65, 0. 065 mm thickness) for corrosion protectionOutdoor trays: Aluminum anodized or hot-dip galvanized steel; PVC coatings are not recommendedJunctions of dissimilar metals require corrosion-inhibiting compounds to prevent galvanic corrosion Load and Installation ConsiderationsLadder tray rung spacing: 6", 9", or 12" depending on cable type; smaller spacing recommended for multi-conductor control and instrumentation cablesSupports: Maximum 6 m spacing for horizontal runs, 2.

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4 m for vertical runs; if supported by rods or brackets, maximum span is 1. 5 mExpansion joints: Follow NEMA VE-1 and VE-2 guidelines for proper gap settings ApplicationsSuitable for commercial and industrial installations, including control, communication, data, instrumentation, and power systemsProvides flexibility for three-way cable routing while maintaining structural integrity and corrosion resistanceCompatible with both indoor and outdoor environments, including corrosive atmospheres This 6-inch cable tray tee ensures reliable cable management, supports proper load distribution, and meets industry standards for material strength and corrosion protection.

Article Content

6A-06-VT24 | Eaton B-Line series vertical tee | Specifications | Eaton

General specifications Product Name Eaton B-Line series vertical tee Catalog Number 6A-06-VT24 UPC 781011206819 Product Length/Depth 27 in Product Height 6 in Product Width 6 in Product Weight

Full cable tray systems specification document

The work covered under this section consists of the furnishing of all necessary labor, supervision, materials, equipment, tests and services to install complete cable tray systems as shown on the

12-SDMS-06

Cable tray shall be fabricated either from corrosion resistant metal such as aluminum alloy or carbon steel with corrosion resistant coating such as zinc coatings as specified in the data schedule.

Document DICOS

To install the cable tray supports, first find the required elevation from the floor to the bottom of the cable tray and establish a level line with a laser or a nylon string.

GUIDE CABLE TRAYS TECHNICAL

NEMA VE 1-2017 Specifies requirements for metal cable trays and associated fittings designed for use in accordance with the rules of Canadian Electrical Code, Part I and the National Electrical Code®

Cable Tray Technical Guide A practical guide to product selection and ...

Cable tray installed in a hazardous location must contain only those cables that are appropriate for this type of environment as defined in Chapter 5 of the NEC.

CableTray Book English

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All calculations and data are based on 36 in. wide cable trays with rungs spaced on 12 in. centers with tray supported as simple spans with deflection measured at the midpoint.

CABLE TRAY SYSTEMS GUIDE

Some applications may require the cable tray to support the weight of a single, dead object in addition to the cable loads. Specifications typically require this to be applied at the midpoint of the span between

GUIDE CABLE TRAYS TECHNICAL

In accordance with its continuous impro-vement policy, Legrand reserves the right to change the specifications and illus-trations without notice. All illustrations, descriptions and technical information

Cable tray manual

INTRODUCTION The B-Line series Cable Tray Manual was produced by our technical staff. We recognize the need for a complete cable tray reference source for electrical engineers and designers.

B-Line series pan tray catalog

Eaton''s B-Line Business reserves the right to make changes to the specifications, materials, equipment, prices, or the availability of products at any time without prior notice. While every effort has been

26 05 36 Cable Trays for Electrical Systems

Install cable tray as a complete system, including fasteners, hold-down clips, support systems, barrier strips, adjustable horizontal and vertical splice plates, elbows, reducers, tees, crosses, cable

Flextray wire basket section of NEMA cable tray

The FlextrayTM system is a flexible, field-adaptable way to manage cables throughout your project. The tray can be cut and bent to the needs of the installer on the jobsite, allowing cable runs to be

Cable Tray Specification Overview

This document provides a general specification for cable trays for an electrical project. It outlines technical requirements, codes and standards, site conditions, quality assurance, testing and

Cable Tray Specifications and Guidelines

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Cable Tray Specifications and Guidelines This document provides general guidelines for cable trays and their installation. It discusses the different types of cable trays, including perforated

Cable Tray Technical Specifications | PDF | Galvanization ...

Cable Tray Technical Specifications The document provides a technical data sheet for cable trays including ladder and perforated types. It lists specifications for material, thickness, dimensions,

Cable Trays and Accesories

Cable Trays and Accessories are designed to meet most requeriments of cable and electrical wire installations and comply to local international standards of ...

cable tray technical specifications cable tray

to cables when correctly inserted. Screwed connections are generally isometric threads fully compliant with ests in accordance of the standard. Armorduct cable tray systems are usually assembled using

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: https://kenhardtprimary.co.za
Technical inquiry: https://kenhardtprimary.co.za/project-desk.html
African project coordination: Century City, Cape Town, Western Cape, South Africa

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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