Cable tray flat tee specifications



Overview

50mm Flat Equal Tee for Medium Duty Tray (Sold in 1's)Features Flat equal tee 50mm wide Use with Uniklip medium duty cable tray Manufactured from pre galva.

Key Takeaways

Cable tray flat tee fittings are available in light, medium, and heavy-duty configurations, typically made from galvanized steel, stainless steel, or aluminum, and are designed to connect three cable tray runs at a T-junction.

Material and Duty Ratings

Cable tray flat tees are manufactured in galvanized steel, stainless steel, or aluminum, with duty ratings classified as light, medium, or heavy depending on load requirements and application environment. Heavy-duty options are suitable for industrial installations with higher cable loads, while medium-duty tees are commonly used in commercial settings.

Dimensions and Configuration

Flat tee fittings are designed to connect three cable tray sections at a 90-degree junction, forming a T-shape. Dimensions vary by manufacturer and duty rating, and bespoke sizes are often available. Standard features include: Side rails: Two longitudinal rails with transverse rungs or solid surfaces for cable support.

Rung spacing: Typically 6, 9, or 12 inches apart for ladder-type trays; radius-fitting rungs may have 9-inch spacing at the center. Cable-bearing surface: Minimum width of 7/8 inch with radius edges to prevent cable damage. Splice connections: Bolted type using serrated flange locknuts or proprietary systems like UniKlip® for faster installation.

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Compliance and Standards

Cable tray flat tees are generally UL listed and comply with NEMA VE 1 standards for ladder-type trays. They are suitable for use as equipment grounding conductors when properly installed.

C

E marking may apply for European products, indicating compliance with relevant directives.

Installation Notes

Fasteners: Couplers, bolts, nuts, and washers are typically required but may not be included with the fitting and should be ordered separately. Load capacity: Determined by the tray's duty rating and material; heavy-duty tees support higher cable loads. Compatibility: Ensure the tee matches the width and type of the connecting cable trays (ladder, solid-bottom, or wire mesh).

Summary

Cable tray flat tees provide a robust and standardized method to branch cable runs at T-junctions. Selection should consider material, duty rating, dimensions, compliance standards, and installation requirements to ensure safe and efficient cable management in commercial or industrial environments.

Article Content

50mm Flat Equal Tee for Medium Duty Tray (Sold in 1''s)

Features Flat equal tee 50mm wide Use with Uniklip medium duty cable tray Manufactured from pre galvanised mild steel

26 05 36 Cable Trays for Electrical Systems

Description: This product category covers metal cable trays and metal cable tray systems intended for field assembly and for use in accordance with Article 392 of NFPA 70.

Medium Duty Cable Tray Flat Tee

Available in standard and bespoke sizes with various finish options. Please note: Couplers, fixing screws and nuts for cable tray are not provided as standard and

SWIFTS CABLE TRAY

With the new Swiftclip, lengths and fi ttings of Swifts cable tray can be fi tted without the use of specialist tools – making it even faster, safer and easier to fi t.

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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®

Pre Galvanised Heavy Duty Cable Tray Flat Tee | Trench

Find out more about Pre Galvanised Heavy Duty Cable Tray Flat Tee now! OBO - your provider for Heavy Duty Cable Tray & Accessories.

Unitrunk KLMR100ET | Uniklip Medium Duty Flat Equal Tee Steel

Unitrunk Uniklip Flat Equal Tee is produced in pre-galvanised mild steel to BS EN 10346:2009. Suitable for medium duty cable tray. All trays conform to BS 61537:2007 and tested in accordance with BS

100mm Medium Duty Tray Flat Tee

100mm Medium Duty Tray Flat Tee Manufactured to BS EN 61537: 2007. All cable tray accessories have a female connection which eliminates the need for couplers when connecting to lengths.

Cable Tray Fitting

Cable Tray Fitting - Tee NOTE : Equal or un equal tees can be supplied. When ordering state widths W1xW2xW3

50mm Flat Equal Tee for Light Duty ZM Cable Tray

Cable tray available in 3 types to suit individual applications. Distinctive hole pattern designed to provide maximum flexibility for the installer without compromising strength. All light duty tray has a notched

CableTray Book English

Aluminum cable tray Straight lengths — Tray bottom types: ladder, ventilated and solid trough Ladder Extra wide aluminum rungs are welded to extruded aluminum I-beam side rails. Every second rung is

Resources for Cable tray and ladder systems

Featured resources Cable tray design considerations guide Our cable tray design considerations guide details key factors to consider when designing cable tray systems for industrial and commercial

Cable Tray, Cable Bus, Wire Mesh Cable Trays | MP

MP Husky manufacturers Cable Tray Systems, Cable Bus System, Wire Mesh/Wire,Cable Tray, & Cable Management Systems. Our cable support

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CT Cable Tray Fittings Guide

CT Cable Tray Fittings Guide The document provides specifications for CT perforated cable trays and fasteners, including dimensions, weights, and ordering codes for various widths. It also outlines

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26 05 36 Cable Trays for Electrical Systems

EATON B-LINE SERIES GUIDE SPECIFICATION Section 26 05 36 – CABLE TRAYS FOR ELECTRICAL SYSTEMS 26 05 364/2025 Specifier Notes: This product guide specification is written

Cable Tray and Trunking Installation Guide

This document provides a method statement for installing cable tray or trunking systems. It outlines the key steps, which include evaluating materials, properly storing and handling components, following

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

Related Video Reference

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

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

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