

Article Overview

Cable tray tees are available in equal and unequal configurations for light, medium, and heavy-duty systems, with widths ranging from 50mm to 900mm and multiple material and finish options.

Types of Cable Tray Tees

- o Equal Tees: All three branches have the same width, suitable for symmetrical cable routing .
- o Unequal Tees: Branches have different widths, allowing for main and branch cable runs of varying capacities .
- o Crossovers: Used to intersect two cable trays at right angles, available in similar material and finish options .

Dimensions and Models

- o Widths (W1, W2, W3): Typically range from 50mm to 900mm depending on the system load and application .
- o Depth/Height (H): Common heights include 50mm, 70mm, 100mm, and 120mm, with depth options like 1.2mm or 1.5mm for mild steel trays .
- o Length: Standard lengths are usually 2500mm or 3000mm, but custom sizes can be ordered .

Materials and Finishes

- o Mild Steel Pre-Galvanized (PG): Standard option for general use .
- o Mild Steel Hot-Dip Galvanized (HDG): Provides enhanced corrosion resistance, suitable for outdoor or industrial environments .
- o Stainless Steel Grade 1.4404 (316L) (SS): High corrosion resistance for harsh environments, available on request .
- o Covers: Closed or ventilated covers are available for all tees and crossovers to protect cables .

Part Numbering System

Cable tray tees often use a structured part number format to specify dimensions and finish. For example: CTUT 25/0300/0150/PG

- o CTUT: Cable tray tee type
- o 25: Depth in mm
- o 0300/0150: Widths W1/W2 in mm
- o PG: Finish (Pre-Galvanized)

Cable tray tee specifications and models

Standards and Compliance

o Cable tray tees are designed to meet industrial and commercial electrical standards, ensuring mechanical strength, electrical safety, and compatibility with straight tray sections .

o Manufacturers provide technical guides and CAD/BIM models for design integration and submittal purposes .

Summary

Cable tray tees are versatile fittings that allow branching of cable runs in electrical installations. Selection depends on load requirements, tray width, material, finish, and environmental conditions. Both equal and unequal tees are widely available, and part numbering systems simplify specification and ordering. For detailed design, manufacturers like Metsec, Eaton, and Legrand provide catalogs, technical guides, and CAD/BIM resources for precise planning and installation .

As an industry leader in cable tray, Eaton offers one of the widest ranges of cable management solutions available in the market

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

Cable Trays and Accessories are designed to meet most requirements of cable and electrical wire installations and comply to local

Our cable tray systems securely hold and protect cables and come in many models and sizes, solid bottom

Pre-galvanized steel fitting 4 inches side rail height 6 inches x 24 inches width ladder horizontal expanding tee 24 inches radius. For

We offer real-time pricing and detailed technical documentation for each article, including CAD drawings and compliance certificates.

Delivering engineered solutions in cable management ABB manufacturers a comprehensive range of cable tray systems and

ABB designs and manufactures cable tray systems, including perforated tray, cable ladder, channel tray and strut (metal framing).

We offer a range of cable crossovers and tees, available in both equal and unequal measures, for light,

medium, and heavy duty

EATON B-LINE SERIES GUIDE SPECIFICATION Section 26 05 36 - CABLE TRAYS FOR ELECTRICAL SYSTEMS 26 05

Flextray wire mesh basket is ideal for commercial and data center cable management, providing a flexible

Rung spacing: 300mm. Material: Mild steel sheet / PO steel sheet. Constructed Type: MIG welding. er coating / Ho Horizontal Tee.

The document discusses different types of cable containment systems including cable trays, cable ladders, and cable trunking. It

CABLE TRAY SPECIFICATIONS Cable Tray Design & Manufacture Niedax's Cable Tray Systems are designed and manufactured

Cable Tray Cable trays are mechanical support systems that provide a rigid structural system for electrical cables, raceways, and

NEMA VE 1-2017 Specifies requirements for metal cable trays and associated fittings designed for use in accordance with the rules

Web: <https://www.supremeacademicresearch.co.za>

