

Naming conventions for cable tray hangers and accessories



AI Overview

Cable tray hangers and accessories are named based on their type, function, dimensions, and material, following standardized conventions to ensure proper identification and compatibility.

Overview of Cable Tray Systems

A cable tray system consists of cable support lengths (trays, ladders, or mesh trays), fittings, support elements, mounting elements, and accessories. Each component has a specific role:

- Cable support lengths:** Straight sections for routing cables.
- Fittings:** Components for changing direction, height, or width (e.g., bends, T-pieces, cross-overs, reductions, end closures).
- Support elements:** Brackets, suspended supports, or center suspensions that attach trays to ceilings, walls, or floors.
- Mounting elements:** Plates or fasteners for attaching devices or junction boxes to the tray.
- Accessories:** Barrier strips, covers, cable protection rings, or other protective components.

Naming Conventions

Cable tray components are typically named using a structured format that conveys type, size, and function:

- Type Identifier:** Indicates the component type, such as:
 - CT: Cable Tray
 - CL: Cable Ladder
 - CM: Cable Mesh Tray
 - H: Hanger or support
 - F: Fitting (e.g., bend, T-piece)
- Dimensions:** Width, height, or length of the component, often in millimeters or inches. For example: CT300x100: Cable tray 300 mm wide, 100 mm high.
- Function or Orientation:** Specifies the purpose or direction:
 - H90: 90° horizontal bend
 - V45: 45° vertical bend
 - T: T-piece
 - X: Cross-over
 - R: Reduction
 - EC: End closure
- Material or Finish:** Optional suffix to indicate material or surface treatment:
 - SS: Stainless steel
 - GI: Galvanized iron
 - AL: Aluminum
 - PVC: Coated or insulated finish
- Part Numbering:** Manufacturers often assign unique part numbers combining the above elements for ordering and inventory purposes.

Example
A typical part name might be: CT300x100-HS-SSCT: Cable tray300x100: Width 300 mm, height 100 mmH: Hanger...

Article Content

TERMS AND DEFINITIONS

Perforated Cable Tray A pre-fabricated metal structure consisting of one-piece, provided with slot openings for sufficient ventilation. It is generally used for moderate heat generating applications; the

Cable Tray Accessories | Light, Medium & Heavy Duty

Cable tray accessories including light, medium, and heavy duty cable tray. Durable cable tray widths from 50mm to 150mm for all installations.

Cable Tray and Ladder | PDF

The document contains specifications for cable ladder and tray systems including dimensions, materials, and part numbers. It lists various component types such

Guide to cable support systems

Four different mesh cable tray types are available, depending on the requirements, area of application and cable quantity. The innovative Magic connection system of the GRM and G-GRM mesh cable

GUIDE CABLE TRAYS TECHNICAL

For consistency with the corrosion resistance of accessories and cable trays, and minimise corrosion breaking lines due to the galvanic couple, we recommend the following assemblies:

Cable Tray Accessories, Cable Tray Hangers & Support | RS

What are cable tray accessories used for? A functional cable tray system consists of various clamping, supporting, and splicing accessories in order to achieve the best possible system. Other add-ons

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

A practical guide to product selection and installation This guide for engineers and installers has been developed by ABB as a practical reference regarding cable tray characteristics, installation, and

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

In designing supports for a cable tray system, consideration should be given to the loads associated with future cable additions and any additional loading that may be applied to the cable tray system (e.g.,

CableTray Book English

Aluminum Cable trays fabricated of extruded aluminum are often used for their high strength-to-weight ratio, superior resistance to certain corrosive environments and ease of installation. They also offer

CABLE TRAY SYSTEMS GUIDE

The design and cost of the cable tray is greatly affected by this designation. In order to determine the most appropriate and economical system, a class should be selected that reflects the actual total

Cable Tray BIM Object Guide

The document provides information on the National BIM Library Cable Tray BIM object, including its parameters, naming conventions, geometry limitations, and

Cable Tray Terminology Quick Reference Guide

A comprehensive reference guide for cable tray systems - terminology, definitions, and technical explanations for engineering professionals.

Decoding Cable Tray Support Structures: Tips and Insights

Discover efficient cable tray support structures for optimal cable management. Learn about hanger, wall-mounted, and Unistrut systems for safer

Cable Tray Accessories, Cable Tray Hangers & Support | RS

Cable trays are components used in the wiring of buildings to support insulated cables and organise them to be hidden from view. They offer an alternative to open wiring or electrical conduit systems

Cable Tray Terminology Quick Reference Guide

This terminology guide is designed for electrical engineers, contractors, and facility managers working with cable tray systems in

Cable Tray Accessories | RS

Cable trays are components used in the wiring of buildings to support insulated cables and organise them to be hidden from view. They offer an alternative to open wiring or electrical conduit systems

How to Choose Cable Tray Accessories | West Port Cable Trays

Learn how to select the right cable tray accessories for safe, durable cable management. This guide covers materials, installation practices, and compliance with safety standards.

Cable Tray Accessories | Cable Management | YESSS Electrical

Popular product types include straight couplers, flat bends, equal tees, risers, reducers, stand-off brackets, hanger brackets, earth straps, and fixing accessories in pre-galvanised and galvanised

[Cable Tray and Ladder | PDF](#)

Standard naming conventions are outlined to identify parts by type, width, and other specifications. Dimensional drawings and installation details are also included. -
[Download as a PDF or view online](#)

[Cable Tray Parts and Accessories List](#)

This document contains parts lists and drawings for a DLC176.00 cable tray system. It includes 20 items with names like cable troughs, main troughs, translation

[Cable Tray Accessories, Cable Tray Hangers & Support | RS](#)

What types of cable tray accessories are there? There are several different types of cable tray accessories, which are available in heavy-duty, medium-duty, or light-duty strengths. The type of

[Beama Best Practice | Definitions & Abbreviations | Cable Tray ...](#)

A comprehensive list of definitions and abbreviations explained for cable tray and cable ladder systems.

[Cable Tray Accessories | Hangers, Supports & Fittings](#)

Shop cable tray accessories including hangers, elbows, covers, and supports. RS Philippines offers durable fittings for industrial cable management systems.

Contact Us

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