Cable Tray Accessories Cable Model and Specification Table



Overview

When fitting cable trays and their accessories, the products are cut on site to create changes of direction, adjust sections, etc.

Key Takeaways

Cable tray accessories include elbows, tees, reducers, covers, joint connectors, and mounting hardware, with specifications varying by manufacturer, material, and load rating.

Common Cable Tray Accessories and Specifications



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Accessory TypeDescriptionMaterial / FinishTypical Sizes / ModelsNotesElbow (Horizontal / Vertical)Changes cable direction horizontally or verticallySteel (hot-dip galvanized, pre-galvanized), Aluminum50–600 mm width, 50–200 mm heightAvailable in inside/outside configurations; radius varies by manufacturer Tee / CrossSplits or joins cable runsSteel, AluminumWidths matching straight sectionsUsed for branching cable trays; may include covers ReducerConnects trays of different widthsSteel, AluminumStandard widths (e.g., 100–600 mm)Ensures smooth cable transition between tray sizes Cover / LidProtects cables from dust, debris, or mechanical damageSteel, Aluminum, PVCFull-length or sectionalCan be ventilated or solid; clips or screws for attachment Joint Connector / Splice PlateConnects two straight tray sectionsSteel, AluminumWidths matching trayProvides mechanical continuity and grounding; may include bolts Mounting Brackets / SupportsSecures trays to walls, ceilings, or racksSteel, AluminumAdjustable lengths and anglesIncludes J-bolt kits, strut channels, or clamps; load rating depends on span Cable Tray Hanger / Suspension KitSuspends trays from ceilingsSteel, AluminumAdjustable rods, clampsSupports long runs; ensures proper bend radius and strain relief Cover Clip / FastenerSecures covers to traysSteel, PlasticStandardized per tray widthEnsures cover stability and safety Manufacturer-Specific NotesLegrand provides a detailed technical guide with accessory specifications, including mechanical and electrical characteristics, CE marking compliance, and installation recommendations.

Eaton B-

Line series offers a submittal builder tool to filter and download accessory models, CAD/BIM files, and specifications for straight sections, fittings, and accessories.

AB

B / T&B Cabletray catalogs include ASTM A123 & ISO 1461 compliance, UL certifications, and CAD/BIM drawings for fittings, covers, and accessories. King Power Technology lists accessories with dimensions, surface treatments (hot-dip galvanized, powder-coated), and compatibility with straight tray sections. Hubbell NEXTFRAME® Ladder Tray provides modular accessories for data centers, including J-bolt kits, mounting brackets, and load-class specifications.

Key Considerations

Material and Finish: Choose based on indoor/outdoor use, corrosion resistance, and electrical grounding requirements. Load Rating: Accessories must match the tray's load class and support span. Compatibility: Ensure accessory dimensions match the tray width, height, and type (ladder, ventilated, solid-bottom).

Installation: Some accessories require specific fasteners or mounting hardware; check manufacturer guidelines. Standards Compliance: Verify CE, UL, NEMA, or ASTM certifications for safety and regulatory compliance. This table and notes provide a comprehensive overview of cable tray accessories, their models, specifications, and installation considerations for industrial, commercial, and data center applications.

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Article Content

GUIDE CABLE TRAYS TECHNICAL

When fitting cable trays and their accessories, the products are cut on site to create changes of direction, adjust sections, etc. Damage can also occur during handling; as a result, both the

CABLE TRAY, CABLE LADDER, CABLE TRUNKING CATALOGUE

Fitting anf accessories. with the same or different width of the cable run. All fittings are available in sizes and types corresponding to the straight cable tray sections. These fitting are including: elbow,

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With over 20 years of experience T&B Cable Tray provides a complete solution in cable management systems including design, manufacturing and technical support by offering a complete solution for

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Hubbell''s NEXTFRAME® Ladder Tray is the effective and widely used cable runway that supports and delivers bundles of cable between cabinets, racks, and closets, along walls, and suspended from

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Cable Trays are designed to meet most requirements of cable and electrical wire installations and comply to local and international standards of fabrications and finishes.

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We manufacture a wide range of products capable of providing the characteristics which respond to the proposed application, along with quality of assembly, speed of installation, and cost-saving cable trays.

Resources for Cable tray and ladder systems

Browse or download the cable tray catalog for more information on our full line of cable tray and ladder systems. Eaton''s submittal builder tool for B-Line series cable ladder and tray allows you to easily

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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

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

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Cable Tray Systems

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

WebProcure

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

Cable Tray Technical Guide 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

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Wire Mesh Cable Trays Technical Information Detailed, Material ...

Wire Mesh Cable Tray Installation Notice: Bends, Risers, T Junctions, Crosses and Reducers can be made from wire mesh cable tray straight sections flexibly in projects. Trays shall be supported at a

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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