

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



Accessory Type	Description	Material / Finish	Typical Sizes / Models	Notes
Elbow (Horizontal / Vertical)	Changes cable direction horizontally or vertically	Steel (hot-dip galvanized, pre-galvanized), Aluminum	50–600 mm width, 50–200 mm height	Available in inside/outside configurations; radius varies by manufacturer
Tee / Cross	Splits or joins cable runs	Steel, Aluminum	Widths matching straight sections	Used for branching cable trays; may include covers
Reducer	Connects trays of different widths	Steel, Aluminum	Standard widths (e.g., 100–600 mm)	Ensures smooth cable transition between tray sizes
Cover / Lid	Protects cables from dust, debris, or mechanical damage	Steel, Aluminum, PVC	Full-length or sectional	Can be ventilated or solid; clips or screws for attachment
Joint Connector / Splice Plate	Connects two straight tray sections	Steel, Aluminum	Widths matching tray	Provides mechanical continuity and grounding; may include bolts
Mounting Brackets / Supports	Secures trays to walls, ceilings, or racks	Steel, Aluminum	Adjustable lengths and angles	Includes J-bolt kits, strut channels, or clamps; load rating depends on span
Cable Tray Hanger / Suspension Kit	Suspends trays from ceilings	Steel, Aluminum	Adjustable rods, clamps	Supports long runs; ensures proper bend radius and strain relief
Cover Clip / Fastener	Secures covers to trays	Steel, Plastic	Standardized per tray width	Ensures cover stability and safety
Manufacturer-Specific Notes Legrand 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.

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 and 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 fittings are including: elbow,

Product Catalogue Cable Management Solutions

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

CABLE TRAY SYSTEMS GUIDE

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

CABLE TRAY

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.

CABLE MANAGEMENT SYSTEMS CABLE TRAYS

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

SWIFTS CABLE TRAY

With the new Swiftclip, lengths and fittings of Swifts cable tray can be fitted without the use of specialist tools – making it even faster, safer and easier to fit.

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

Metallic Cable Tray | PDF Catalogues | ABB Electrification Canada

Browse our T&B galvanized metallic cable tray systems. More adaptable and easier to maintain than conduit pipe, ideal for evolving wiring needs.

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

Installation Products | ABB Electrification U.S.

With more than 200,000 products under our trusted brand names, these solutions can be found wherever electricity is used.

NYT Connections archive

Every NYT Connections puzzle ever published is listed here, organised by date, with all four category groups and their sixteen words. The NYT only offers the current day's puzzle for free,

Cable Tray Systems

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

WebProcure

WebProcure offers best-in-class functionality, reaching end-to-end from requester to procurement buyer to merchant, and all the way back! Designed specifically for the public sector.

GUIDE CABLE TRAYS TECHNICAL

In accordance with its continuous improvement policy, Legrand reserves the right to change the specifications and illustrations 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

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.

Contact Us

Continue your research online:

Website: <https://bagyou.es>

Technical inquiry: <https://bagyou.es/project-enquiry.html>

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

