

# 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

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### 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

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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

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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

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

