

Article Overview

Horizontal cable trays are available in a variety of models including ladder, ventilated, and solid-bottom types, with specifications covering width, height, material, finish, and compatible fittings.

Eaton B-Line Series

Eaton's B-Line series offers metallic cable ladder and tray systems designed for strength and cost efficiency. Key features include:

- o Materials: Steel, stainless steel, aluminum
- o Finishes: Hot-dip galvanized, powder-coated
- o Widths: Multiple options to accommodate different cable loads
- o Heights: Standard heights for ladder rungs and tray sides
- o Accessories: Elbows, tees, reducers, covers, joint connectors
- o CAD/BIM Support: 2D/3D models available in nearly 100 formats for design integration

Legrand Cable Trays

Legrand provides a technical guide detailing their cable management ranges:

- o Types: Ladder, ventilated, solid-bottom
- o Standards Compliance: CE marking, UL, NEMA, IMQ certifications
- o Materials & Finishes: Steel with epoxy coating, stainless steel, aluminum
- o Fittings: Horizontal elbows, tees, vertical risers, reducers, covers
- o Safety Notes: Designed for normal voltage/current/temperature conditions

MP Husky Catalog

MP Husky offers a comprehensive catalog of cable tray systems:

- o Models: Ladder, ventilated, solid-bottom, and trunking
- o Specifications: Widths, heights, and lengths for straight sections
- o Fittings: Horizontal and vertical elbows, tees, cross fittings, reducers
- o Documentation: PDF catalogs with detailed drawings and dimensions

King Power Technology



Horizontal cable tray models and specifications

King Power Technology provides detailed horizontal cable tray specifications:

- o Widths: 100mm to 600mm
- o Heights: 50mm, 70mm, 100mm, 120mm
- o Materials: Steel sheet, hot-dip galvanized, bare galvanized
- o Construction: MIG welded, powder-coated or galvanized
- o Fittings: Horizontal cross, elbows, tees, reducers, cover clips, joint connectors

ABB / T&B Cable Tray Systems

ABB offers T&B cable trays with extensive specifications:

- o Materials: Aluminum or steel
- o Finishes: Powder-coated, galvanized
- o Standards: ASTM A123, ISO 1461, ANSI/NFPA 70, NEMA VE 1-2017, UL listed
- o Components: Straight sections, ventilated bottoms, ladder rungs, covers, fittings
- o CAD/BIM Resources: Over 4,000 drawings available in popular CAD formats and Revit models for design integration

Summary of Key Specifications

Manufacturer	Type	Width	Range	Height	Range	Material	Finish	Fittings	&	Accessories	Eaton
B-Line	Ladder/Tray	Multiple	Standard	Steel,	Aluminum	Galvanized,	Powder-coated	Elbows,	Tees,	Reducers,	Covers
Legrand	Ladder/Ventilated/Solid	Multiple	Multiple	Steel,	Aluminum	Epoxy,	Stainless	Horizontal/Vertical			
Elbows,	Tees,	Covers	MP	Husky	Ladder/Ventilated/Solid	Multiple	Multiple	Steel	Galvanized,		
Powder-coated	Elbows,			Tees,		Cross,		Reducers	King		
Power	Ladder/Tray	100-600mm	50-120mm	Steel	Hot-dip/Bare	Galvanized	Elbows,	Tees,	Cross,	Reducers,	Covers
ABB	T&B	Ladder/Ventilated	Multiple	Multiple	Steel,	Aluminum	Galvanized,	Powder-coated	Straight		
Sections,	Covers,	Fittings									

For detailed dimensions, load ratings, and CAD/BIM files, users should refer to the manufacturer catalogs and technical guides provided by Eaton, Legrand, MP Husky, King Power Technology, and ABB . These resources allow engineers and designers to select the appropriate horizontal cable tray model and accessories for specific project requirements.

Horizontal cable trays are made of solid, rounded materials that are gentle to cables and tubes. Horizontal

Cable tray is considered to be a system. It must provide continuous support for cables, and the electrical continuity of the cable tray



Horizontal cable tray models and specifications

Eaton's B-Line series cable tray is UL® classified as to its suitability as an equipment grounding conductor. If a separate conductor

Nearly every aspect of cable tray design and installation has been explored for the use of the reader. If a topic has not been covered

Cable tray systems, including trays, supports, fittings and other materials, are generally less expensive than conduit wiring systems.

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

Not all cable trays are equivalent. The mechanical and electrical characteristics, tests, certifications, overall quality management,

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

B. Cable tray systems are defined to include, but are not limited to straight sections of [ladder type] [trough type] [solid bottom type]

Aluminum cable tray Straight lengths -- Tray bottom types: ladder, ventilated and solid trough Ladder Extra wide aluminum rungs

Hubbell's NEXTFRAME® Ladder Tray is the effective and widely used cable runway that supports and delivers bundles of cable

Product Overview CPI's Cable Runway supports backbone and horizontal cables between the point of entry and exit into the

Fast installation with dependable support. Everything you need to build a cable management system, including Cablofil wire mesh

Submittals for cable ladder and tray Eaton's submittal builder tool for B-Line series cable ladder and tray allows you to easily filter,

Eaton's B-Line Business reserves the right to make changes to the specifications, materials, equipment, prices, or the availability of

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



Horizontal cable tray models and specifications

and illustrations

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

