

Cable tray specifications and models list



Article Overview

Cable trays are available in ladder, ventilated, and solid-bottom designs, fabricated from steel or aluminum, with multiple standards and load ratings to suit industrial, commercial, and data center applications.

Types of Cable Trays

- Ladder Tray: Features side rails with rungs for cable support, ideal for long cable runs and easy maintenance. Cables can enter or exit at any point, making system modifications simple (ABB, Eaton, Hubbell) .
- Ventilated Tray: Solid bottom with perforations for airflow, reducing heat buildup while providing cable support. Suitable for indoor and outdoor installations (ABB, Legrand) .
- Solid-Bottom Tray: Provides full support for sensitive cables, preventing sagging and protecting against dust or debris. Often used in industrial environments (Eaton, Legrand) .

Materials and Finishes

- Aluminum: Marine-grade, corrosion-resistant, lightweight, suitable for chemical and outdoor environments. Forms a protective oxide layer that self-repairs when scratched (Eaton) .
- Steel: Roll-formed structural steel, hot-dip galvanized for corrosion protection. Can be pre-galvanized or coated for indoor/outdoor use. Provides high strength-to-weight ratio (ABB, Eaton) .
- Finishes: Common finishes include gray or black powder coating, hot-dip galvanization, and anodized aluminum for durability and aesthetics (Hubbell, Legra...

Article Content

Nov 27, 2025

Cable Tray Types and Sizes

Explore various cable tray types and sizes for electrical installations. Learn about ladder, perforated, solid-bottom, wire mesh, and

Apr 24, 2026

GUIDE CABLE TRAYS TECHNICAL

NEMA VE 1-2017 Specifies requirements for metal cable trays and associated fittings designed for use in accordance with the rules

Feb 25, 2026

Cable Trays Selection Guide: Types, Features, Applications

Cable trays are components of support systems for power and communications cables and wires. A cable tray system supports and

Feb 12, 2026

Resources for Cable tray and ladder systems

Our cable tray design considerations guide details key factors to consider when designing cable tray systems for industrial and

Nov 04, 2025

Type of Cable Tray

Cable Tray Materials: Most cable tray systems are fabricated from a corrosion-resistant metal (low-carbon steel, stainless steel or an

Dec 04, 2025

Wire Mesh and Cable Trays | Legrand Data Center Solutions

Cablofil wire mesh cable tray, a high-quality, reliable cable management solution for data centers. Benefit from easy installation,

Aug 09, 2025

26 05 36 Cable Trays for Electrical Systems

Description: This product category covers metal cable trays and metal cable tray systems intended for field assembly and for use in

Jul 30, 2025

Cable Tray

Cable Tray Cable trays are mechanical support systems that provide a rigid structural system for electrical cables, raceways, and

Apr 15, 2026

CABLE TRAY

SFSP produces a variety of products ranging from cable management systems; cable trays, cable ladders, basket trays, trunkings

May 11, 2026

Complete cable tray manual for electrical engineers and designers

How to design cable tray? Most projects are roughly defined at the start of cable tray design. For projects that are not

Sep 27, 2025

Product Catalogue Cable Management Solutions

Delivering engineered solutions in cable management ABB manufacturers a comprehensive range of cable tray systems and

Jul 09, 2026

Full cable tray systems specification document

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

Feb 04, 2026

CABLE TRAY SYSTEMS GUIDE

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

Sep 04, 2025

Types of Cable Trays – Purpose, Advantages, Disadvantages

Cable tray is alternatives to wire ways and electrical conduits, which completely enclose cables. Study types of cable

May 31, 2026

CABLE TRAY SYSTEMS GUIDE

CONCENTRATED STATIC LOADS: Some applications may require the cable tray to support the weight of a single, dead object in

Jul 06, 2026

Cable Trays and Accesories

Cable Trays and Accessories are designed to meet most requeriments of cable and electrical wire installations and comply to local

Oct 25, 2025

Cable Ladder and Tray Specifications

Truong Giang Electric manufactures cable ladder, tray, and trunking products in various standard sizes and configurations from

Aug 15, 2025

Cablofil Cable Management | Legrand

Cablofil® Products Cablofil is the global gold standard for total cable management. Explore the one-stop shop for innovative, fast,

Sep 19, 2025

Resources for Cable tray and ladder systems

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

Aug 15, 2025

GUIDE CABLE TRAYS TECHNICAL

In accordance with its continuous impro-vement policy, Legrand reserves the right to change the specifications and illus-trations

Dec 20, 2025

Cable Trays Selection Guide: Types, Features,

Start with this definitive resource of key specifications and things to consider when choosing Cable Trays.

Mar 26, 2026

Cable tray

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

Jan 17, 2026

Cable Tray Specification Guide | Types, Materials, Sizes

Cable Tray Specification In the realm of infrastructure development, the efficient management of electrical conduits plays a pivotal

Jun 11, 2026

Cable Tray Catalogue | PDF

These perforated cable trays are specially engineered making use of quality HR Sheets, Stainless Steel Sheets and pre galvanized

Mar 14, 2026

Cable Tray Dimensions and Specifications as per NEC

Many electrical systems employ cable trays. They route cables safely & efficiently. NEC defines minimum cable tray

Oct 09, 2025

One-piece tray

Solid trough Fabricated from one sheet to form a continuous one-piece tray design Available in aluminum, pregalvanized steel, hot

Oct 10, 2025

Niedax, Kleinhuis & Fintech

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

Jan 07, 2026

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

Apr 21, 2026

Cable Tray and Ladder | PDF

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

Nov 06, 2025

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

Jan 09, 2026

CABLE TRAYS

PVC cable tray can be installed in both commercial and industrial environments. -
Damp, saline environments: ges,

Dec 14, 2025

CABLE TRAY SYSTEMS

All design characteristics, specifications, tolerances and similar information are
subject to change without notice. The information

Contact Us

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