

Complete List of Steel Cable Tray Models and Specifications

Article Overview

Steel cable trays are available in ladder, ventilated, and solid-bottom designs, with detailed specifications, fittings, and CAD/BIM resources provided by major manufacturers like ABB, Eaton, Legrand, Canhope Steel, and ApexTray.

Major Types of Steel Cable Trays

o Ladder Cable Trays

- o Open design with side rails and rungs for maximum ventilation and easy cable pulling.
- o Suitable for heavy-duty applications and long cable runs.
- o Compliant with ANSI/NFPA 70, NEMA VE 1-2017, ASTM A123, and ISO 1461 standards (ABB)

o Ventilated Cable Trays

- o Perforated bottom for airflow and heat dissipation.
- o Ideal for medium-weight cables and environments requiring cooling.
- o Available in galvanized steel, stainless steel, or powder-coated finishes.

o Solid-Bottom Cable Trays

- o Continuous bottom for protection against dust, moisture, or chemical exposure.
- o Suitable for sensitive or low-voltage cables.
- o Can be ordered in various lengths and widths with matching covers.

Specifications and Features

- o Materials: Galvanized steel, stainless steel, aluminum
- o Finish Options: Hot-dip galvanized, powder-coated, or plain steel
- o Load Ratings: Vary by tray width, rung spacing, and material thickness
- o Accessories: Bends, tees, reducers, covers, splice plates, and support brackets
- o Compliance: UL Listed, CE marked, NEMA, ASTM, ISO standards

Manufacturer Resources

- o ABB T&B Cabletray: Over 4,000 CAD drawings, Revit(R) BIM objects, and detailed specifications for ladder, ventilated, and solid-bottom trays, including fittings and accessories .
- o Eaton B-Line Series: Submittal builder tool for straight sections, fittings, and accessories; CAD/BIM/PDMS files in 2D and 3D; focus on strength-to-weight optimization and reduced structural steel supports .
- o Legrand Technical Guide: Provides mechanical and electrical characteristics, certifications, and compliance with European and international standards .

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- o Canhope Steel: PDF catalogs with detailed specifications, surface treatments, dimensions, and application cases; regularly updated for accuracy .
- o ApexTray Download Center: Manuals, CAD files, and specifications for all cable tray models, including steel ladder and ventilated trays .

How to Access Complete Specifications

- o Visit the manufacturer's catalog or download center.
- o Filter by tray type, material, finish, and dimensions.
- o Download CAD/BIM files for integration into project designs.
- o Review load ratings, compliance certifications, and accessory compatibility. By using these resources, engineers and designers can access a comprehensive list of steel cable tray models, their specifications, and supporting documentation for any industrial or commercial project.

Visit our Download Center to access "Download Cable Tray" resources, including detailed manuals, CAD

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

For complete details on the cable tray selection process, see page A9 in the technical section. Select the material best suited to your

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

Browse our steel wire cable trays and basket trays for use in various commercial and industrial settings meeting

As an industry leader in cable tray, Eaton offers one of the widest ranges of cable management solutions available in the market

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

Cable Trays are designed to meet most requirements of cable and electrical wire installations and comply

CODE Tray can be found in a variety of industrial, institutional and commercial applications. We have supplied cable tray worldwide

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

The document describes specifications for different types of cable trays, including outside returned flanged

Cable Tray and Cord Reels Precision engineered. Constructed from high-quality welded steel wire, Cablofil®; Wire Mesh Cable Tray

Reliability Cable tray systems offer unsurpassed reliability, resulting in less maintenance and down time - important considerations

Our Cable Tray Systems and cable management trays offer high quality steel and galvanised steel

A cable tray system is an assembly of metallic cable tray sections and accessories, that forms a rigid structural system

Featured resources Cable tray design considerations guide Our cable tray design considerations guide details key factors to consider

Web: <https://www.millstraining.co.za>

