

American Cable Tray Series



AI Overview

American cable trays come in diverse models including ladder, wire mesh, channel, and I-beam trays, manufactured to NEMA and UL standards for industrial and commercial applications.

Major Types of Cable Trays

- 1. Ladder Cable Trays** Ladder trays are widely used for heavy-duty cabling, providing strong support and ventilation. They are available in aluminum, mill-galvanized steel, hot-dipped galvanized steel, stainless steel, and fiberglass. Ladder trays are ideal for high-density cabling in industrial and commercial environments and can be paired with covers or accessories for added protection and organization .
- 2. Wire Mesh / Basket Trays** Wire mesh trays, such as the Eagle Basket, are made from welded steel wires with a mesh design that allows airflow, preventing heat buildup and dust accumulation. They often feature Quick Latch™ self-splicing bars for easy installation without nuts and bolts. These trays are suitable for datacenters, hospitals, schools, and commercial buildings .
- 3. Channel / C-Channel Trays** Channel trays are compact and aesthetically discreet, supporting smaller diameter wiring systems. They are available in widths of 3, 4, and 6 inches and meet NEMA VE-1 standards. These trays are ideal for control cables, instrumentation, and light wiring applications .
- 4. I-Beam / Aluminum Ladder Trays** I-beam trays are a core solution in the U.S. market, offering lightweight, corrosion-resistant aluminum construction. They feature connectable fittings and are suitable for communication, fire alarm, and power cabling .
- 5. Fiberglass and PVC-Coated Trays** Fiberglass trays are used for light wiring or environments requiring corrosion resistance. PVC-coated trays provide additional protection in harsh or outdoor conditions .

Key Manufacturers in the U.S.

- Atkore US Tray:** Offers made-to-order trays, ladder, wire mesh, and channel systems, all UL certified and compliant with Buy America standards .
- MP Husky:** Produces aluminum, steel, stainless steel, fiberglass, PVC-coated, and wire mesh trays, meeting NEMA, U...

Article Content

B-Line series Cable Tray Design Considerations

As an industry leader in cable tray, Eaton offers one of the widest ranges of cable management solutions available in the market today with its B-Line series portfolio. With unmatched quality and service, we

Aluminum Cable Tray, Series 2, 3, 4 & 5

Series 2, 3, 4, & 5 - Fittings EatonL-1B-Line series Cable Tray Systems How The Service Advisor Works We know that your time is important! That's why the color-coding system in this catalog is designed

Top 5 Cable Tray Manufacturers in North America

Find the leading cable tray manufacturers in North America, with insights into top companies, compliance standards, and essential factors for choosing the right

Cable tray

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

Cable Tray Systems

Our cable tray systems meet or exceed all the NEMA, UL, CTI, and CSA standards and are utilized in nearly every industry. All cable tray suppliers are not the

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

Aluminum Cable Tray

Aluminum Cable Tray systems are lighter than steel cable tray and Certified CSA Cable Tray, UL listed, NEMA and certified. Because of their lighter weight aluminum cable trays are easier to install than

Understanding NEMA Standards for Cable Tray Systems

We partnered with the Eaton B-Line series experts for this article detailing the NEMA standards for cable tray systems.

Cablofil Cable Management | Legrand

Build a cable management system with Cablofil wire mesh cable tray, ladder cable tray, prefab assemblies for branch circuit wiring, fasteners, and accessories.

Cable Tray, Cable Trays, Cable Tray Supplier

As one of the industry leaders in cable tray, Wiremaid offers one of the widest ranges of cable tray available in the market today. With unmatched quality and

Cable Tray | Power Utility Products Co

CABLE TRAY We exclusively offer US Tray cable tray solutions. US Tray is the go-to ladder cable tray manufacturer known for high quality, trusted products made in America. US Tray is well-known by

Imperial cable tray system | NEMA cable tray

Imperial cable tray and ladder Eaton's B-Line series imperial cable tray system is designed to significantly reduce support costs in commercial, industrial, oil and

26 05 36 Cable Trays for Electrical Systems

Eaton B-Line series Engineer-approved equal METAL CABLE TRAYS Description: This product category covers metal cable trays and metal cable tray systems intended for field assembly and for

Cable Tray Manufacturers | Made in the USA Since 1945

Chalfant is a leading U.S. cable tray manufacturer, operating since 1945. We offer BABA-compliant, American-made systems, some with 60-70% faster install times. Explore Chalfant's products.

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, select and download straight section, fitting and accessory submittals.

Cable Tray Systems

Over the past 55+ years, MP Husky US Cable Tray has engineered and manufactured the most reliable, highest quality, cost effective and innovative

SHIMADZU CORPORATION

Since 1875, Shimadzu is pursuing leading-edge science and technologies in analytical and measuring instruments including chromatographs and mass

Cable Tray Supplier, Cabletray Raceway Systems

There are a large number of cable tray fittings that are made compatible with each type of tray. These fittings help in maintaining support of the cable tray system.

A T& B Cable Tray Metallic cable tray

The benefits of cable tray An evaluation of the costs and benefits of various wiring systems should be done in the design phase. Avoiding the system selection process or deferring it until construction,

AF_UnifiedCat_Interior_PRINT.pdf

Our latest innovation is Itray. It's aluminum cable tray that been redesigned with stronger side rails and faster splicing options to streamline the engineering, purchasing and installation of cable tray. And

Cable Trays | EAE USA

Heavy duty cable trays and cable ladders are manufactured from pre-galvanized, electro-galvanized, or hot-dipped galvanized sheet metal, designed to meet ideal

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 commercial applications. Browse or download the cable tray catalog for

Fiber Cable Trays

Our Fiber Cable Tray System is a comprehensive raceway solution for data center, enterprise, central office, and mobile switching center applications. Designed to

Cable tray education | Eaton

Proper cable tray design If cable tray is not properly designed to be compatible with its application and environment, electrical system failures can occur. This could cost millions of dollars in downtime and

Product Catalogue Cable Management Solutions

Delivering engineered solutions in cable management ABB manufacturers a comprehensive range of cable tray systems and solutions including cable ladder, perforated tray, channel tray and metal

Cable Tray and Reels | Wire and Cable Management

From heavy power cable pathways on oil drilling platforms to data center cabling, explore the cable tray that's strong yet easy to install. Fast installation with

Series 1 to 5 Aluminum and Steel

Values are based on simple beam tests per NEMA BI 50015 on 36" wide cable tray with rungs spaced on 12" centers. Cable trays will support without collapse a 200 lb. (90.7 kg) concentrated load over

Cable Tray Systems

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

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.sky-connect.co.za>

Email: info@sky-connect.co.za

Phone: +44 20 7946 0958

Address: 1 Cornhill, London EC3V 3ND, United Kingdom

This document is for informational purposes only. Specifications subject to change without notice.

