

High-quality Columbia cable tray supports



Overview

Cable Tray Supports | McMaster-Carr Choose from our selection of cable tray supports in a wide range of styles and sizes. Same and Next Day Delivery. Cable.

Key Takeaways

High-quality cable tray supports provide rigid, reliable, and versatile support for industrial and commercial cable management systems.

Overview of Cable Tray Supports

Cable tray supports are essential components for organizing, securing, and routing electrical cables in commercial and industrial installations. They prevent sagging, allow proper ventilation, and ensure safety by reducing hazards such as entanglement or tripping. Supports are compatible with various tray types, including ladder trays, wire mesh trays, and solid-bottom trays .

Types of Cable Tray Supports

- **Hanging Bars and Clamps:** These suspend trays from threaded rods or beams. Hanging bars often feature slotted strut channels for adjustable installation, while hanging clamps attach directly to tray sides for secure suspension .
- **Beam Clamps and Hold-Down Clamps:** Heavy-duty clamps, such as MP Husky's GBM copper alloy clamps, attach trays to C-channels, I-beams, or wide flange beams. They provide high load capacity (up to 400 lbs) and reduce field labor by eliminating the need for drilling .

- **Wall-Mounted Brackets:** Fixed to walls or vertical surfaces, these supports stabilize horizontal tray runs and are ideal for tight spaces or long cable runs .

- **Hangers and Clips:** Lightweight options for wire mesh trays, these attach to threaded rods and allow flexible routing through curves, slopes, and tees .

Material and Durability

High-quality supports are typically made from zinc-plated steel, copper alloys, or tin-plated metals, offering corrosion resistance and long-term durability in industrial environments . Some supports are designed for heavy-duty applications, including high-voltage or high-power cable installations.

Accessories and Compatibility

Cable tray supports often work in conjunction with connectors, couplers, tees, crosses, and covers to create a complete cable management system. Accessories like grounding clamps, expansion guides, and hold-down clamps enhance safety and structural integrity .

Installation Considerations

- Supports should be spaced according to tray type and load, typically every 8 feet for standard trays .

- Threaded rods, nuts, and washers are usually required but may not be included with the support hardware .

- Proper alignment and secure fastening are critical to maintain load capacity and prevent sagging.

Recommended Brands and Suppliers

- **Legrand/Cablofil:** Offers wire mesh and ladder trays with modular supports and fast shipping for large projects .

- **MP Husky:** Known for heavy-duty clamps and hold-down supports suitable for industrial applications .

- **McMaster-Carr:** Provides a wide range of hanging bars, clamps, and corrosion-resistant supports .

- **RS Components:** Supplies high-quality cable tray accessories, including hangers, brackets, and fittings .

High-quality cable tray supports from these suppliers ensure reliable, safe, and efficient cable management, suitable for demanding industrial, commercial, and data center environments.

Article Content

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Choose from our selection of cable trays, including over 850 products in a wide range of styles and sizes. Same and Next Day Delivery.

Cable Tray Supports & Clamps

These special heavy duty tray hold down cable tray clamps and expansion guides are ideal for fastening tray to C-Channels and

Cable Tray Supports

Discover cable tray supports at TechLine Mfg. Choose from hangers, brackets, and clamps for your needs. Contact us today for

Cable Tray Mounting Brackets | McMaster-Carr

Choose from our selection of cable tray mounting brackets in a wide range of styles and sizes. Same and Next Day Delivery.

Cable Tray Hanger Bracket & Channel Hangers | TechLine Mfg

Supports should be located so that connectors (splice joints) between horizontal runs fall between the support point and quarter point

Cable Tray Systems – CableOrganizer

Discover high-quality Cable Tray Systems at CableOrganizer. Organize and protect your cables with durable, reliable solutions for

Cablofil Cable Management | Legrand

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

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A cable tray system is used to support insulated electrical cables used for power distribution, control, and communication. Cable

Cablofil Cable Management | Legrand

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

Cable Trays and Support Systems – Vashi Integrated Solutions

Ladder Cable Trays – Designed for heavy-duty power cables, offering high strength and support. Unperforated Cable Trays – Best

Cable Tray Technical Guide A practical guide to product selection

A practical guide to product selection and installation This guide for engineers and installers has been developed by ABB as a

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Elecloud offers a variety of Tray Supports to provide a sturdy and reliable foundation for your cable tray systems. You can buy online

Cable Tray Types and Sizes

These cable tray systems serve as efficient alternatives to traditional wireways and electrical conduits, which fully enclose cables.

What Is A Cable Tray? 5 Types Of Cable Trays

A cable tray is a structural system used to support and manage electrical cables in various settings, such as industrial, commercial,

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Cable Management - Wire Tray - Electrical Cable Tray - Ladder Trays. Simple and flexible cabling with cable trays from SILTEC.

Cable Tray Supports — ICS Industries

ICS Industries provides reliable cable tray supports, designed for secure mounting of cable trays in industrial environments. Benefit

CABLE TRAY SYSTEMS GUIDE

The Ladder Tray features light, rugged, tubular steel construction. It is designed for mechanical support and strain relief in long runs

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