

Cable tray and equipment models



Overview

Choose from a wide array of cable tray products designed by MonoSystems, the leader in cable management equipment.

Key Takeaways

Cable tray systems include ladder trays, ventilated trays, wire mesh trays, floor-mount trays, and long-span trays, with a wide range of materials, finishes, and fittings for industrial and commercial applications.

1. Ladder Cable Trays

- Designed for mechanical support and strain relief in long cable runs.
- Commonly used in data centers, equipment rooms, and telecommunications rooms.
- Materials: tubular steel, aluminum, or stainless steel.
- Finishes: gray, black, galvanized, powder-coated.
- Modular system allows mounting to floors, walls, ceilings, and equipment racks.
- Example: Hubbell NEXTFRAME® Ladder Tray with full line of sizes and fittings.

2. Ventilated Cable Trays

- Feature perforated bottoms for airflow and heat dissipation.
- Available in aluminum, steel, or stainless steel.

- Compatible with a wide range of fittings, covers, and dividers . 3. Wire Mesh Trays
- Lightweight, flexible, and ideal for complex routing.
- Include dividers, covers, and accessories for cable separation and protection.
- Suitable for industrial and commercial installations . 4. Floor-Mount Cable Trays
- Designed for raised floor or direct floor installations.
- Include dividers, covers, and accessories for cable management in office or data center environments . 5. Long-Span Cable Trays
- Engineered for extended runs with fewer supports.

- Available as ladder or ventilated trays with appropriate fittings and accessories .
Materials and Finishes

- Steel Variants: VSteel, GSteel, SSteel, FSteel, FDSteel, SBSteel, FGSteel, VCSteel, VZLSteel .

- Coatings: Hot-dip galvanized, pre-galvanized, epoxy-coated, black-oxide, powder-coated, geomet® galvanized.

- Aluminum: Lightweight, corrosion-resistant, suitable for indoor and outdoor applications .

Accessories and Fittings

- Covers, dividers, elbows, tees, crosses, reducers, and end caps.

- Support systems: overhead hangers, brackets, C-profiles, head plates.

- Designed to meet NEMA VE 1, UL, and CSA standards for load capacity and safety .
CAD/BIM and Design Resources

- ABB, Eaton, and other manufacturers provide CAD/BIM files compatible with Revit®, PDMS, and other design software.

- Submittal builder tools allow filtering and downloading straight sections, fittings, and accessories in multiple formats .

Notable Manufacturer Series

- ABB T&B Cabletray: Ladder, ventilated, and wire mesh trays with over 4,000 CAD drawings .

- Hubbell NEXTFRAME®: Ladder tray system with modular configurations and multiple finishes .

- Eaton B-Line Series: Metallic cable ladder and tray systems with CAD/BIM support and optimized structural design .

- Niedax/ABNEX: Full catalog including ladder, ventilated, wire mesh, floor-mount, and long-span systems with extensive material options .

- NEMA Series 2-5 Aluminum Trays: Standardized load ratings and deflection factors for industrial applications . This comprehensive overview covers the full spectrum of cable tray models, materials, finishes, and accessories, providing a solid reference for design, procurement, and installation of cable management systems.

Article Content

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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

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Cable tray

In the electrical wiring of buildings, a cable tray system is used to support insulated electrical cables used for power distribution,

Cable tray manual

Instead of large conduits, cable channel may be used very effectively to support cable drops from the cable tray run to the equipment

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Properly designed and installed cable tray system provides reliable support of control, communication, data, instrumentation and

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Welcome to our step-by-step guide on installing cable trays! In this video, we'll explore the

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Heavy duty cable trays and cable ladders are manufactured from pre-galvanized, electro-galvanized, or hot-dipped galvanized sheet

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GUIDE CABLE TRAYS TECHNICAL

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

Cable Trays

Choose from a wide array of cable tray products designed by MonoSystems, the leader in cable management equipment.

Cable Tray | Wire Mesh, Ladder Tray and More Wire Management

Cable trays and baskets are designed to help support and route cable bundles in an organized manner along ceilings or walls. Shop

Cable Trays and Accessories

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

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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

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

Cable Tray Types and Sizes

Types of Cable Trays and Sizes Explore various cable tray types and sizes for electrical installations.

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

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Cable Tray Systems

Over the past 55+ years, MP Husky US Cable Tray has engineered and manufactured the most reliable,

Cable Trays | McMaster-Carr

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

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