

Horizontal cable tray supports and hangers



Article Overview

Horizontal cable trays should be supported with hangers or brackets spaced 1.5–2 meters apart, using materials and finishes suitable for the environment to ensure safety and durability.

Types of Hangers and Supports

Cable tray systems can be supported using a variety of hangers and brackets:

- **Single Hanger Brackets:** Used for overhead or beam mounting, often adjustable to fit 4" or 6" trays, and include threaded rods and nuts for secure attachment (load capacity ~50 lbs per hanger) .
- **Channel Hangers:** Provide additional stability for longer spans or heavier loads, often used in combination with beam clamps .
- **Center-Hung Supports:** Allow cables to be deposited from both sides, suitable for ladder tray systems, with maximum load capacities ranging from 318 kg (700 lbs) to 340 kg (750 lbs) and support spacing up to 3.6 m .
- **Custom or Standard Brackets:** Available in aluminum, steel, or galvanized finishes, designed to meet specific project requirements .

Spacing and Load Considerations

- **Support Spacing:** For horizontal runs, hangers should generally be spaced 1.5–2 meters apart for standard cable loads. Lighter cables, such as data or telecom wiring, may allow spacing up to 3 meters .

Article Content

Cable Ladder Systems-Supports

Heavy Duty Trapeze Hangers Heavy duty trapeze hangers are supplied singly without fasteners, used to support horizontal runs of

Cable Tray Supports

Cable tray supports are indispensable for creating a reliable and efficient cable management system. Whether wall-mounted, ceiling

Cable Tray Systems & Support Brackets | TechLine Mfg

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

Cable Tray Accessories, Support Bracket, Fittings & More

Cable Tray Hangers: These are a specialised type of cable tray accessory designed to support horizontal cable tray runs from

Wire and Cable Hanger Products from Legrand Cable Management

Wire and cable hangers minimize support and installation costs. Labor can be reduced by 50%. Learn more about products for

Tray Brackets & Hangers

Buy tray baskets & hangers & cable management systems online from TradeSparky today. A UK based electrical wholesaler for both

Cable Tray Accessories | Hangers, Brackets & Supports | RS

Cable Tray Hangers: Cable tray hangers suspend horizontal tray runs from overhead structures such as roof beams, purlins and

Cable Tray Hanger Bracket & Channel Hangers

Our Snap Track single hanger brackets & channel hangers are used for overhead or beam mounting when

Swifts cable tray technical guide

Overhead hangers Supplied singly without fasteners Support horizontal runs of lightly loaded tray up to 1 mm wide from overhead

Cable Tray Accessories, Cable Tray Hangers & Support | RS

These fittings are used in conjunction with cable trays to support cables in ventilation holes, assist with directional change of piping

High-quality cable tray hanging supports at Ekabel.24

They attach directly to concrete ceilings, steel beams, or wooden structures and carry the cable tray via cantilever arms or trapeze

I-BEAM Ladder Horizontal Support Hanger Connector

I-BEAM Ladder - Horizontal Support Hanger Connector Welded aluminum I-beam ladder cable trays are a core solution and

Cable Tray Fitting Accessories

As the leading cable tray manufacturers and suppliers, JLH Electric offers a wide range of accessories and

Best practice guide to cable ladder and cable tray systems

Cable ladder and cable tray systems The following recommendations are intended to be a practical guide to ensure

Best Practice Guide to Cable Ladder and Cable Tray Systems

Introduction This publication is intended as a practical guide for the proper and safe* installation of cable ladder systems, cable tray

Premium Cable Tray Hangers | Small Horizontal Tray

High-strength cable tray hangers for small horizontal installations. Includes one rod and a full expansion

Cable Tray Support Spacing: Key Guidelines Explained

Explore the essential cable tray support spacing requirements for safe and efficient installations. Learn NEC guidelines

Cable Tray Accessories | Hangers, Supports & Fittings

Shop cable tray accessories including hangers, elbows, covers, and supports. RS Philippines offers durable fittings for industrial

Cable Tray Supports | McMaster-Carr

Cable Trays and Fittings For ease of installation and accessibility, lay cable and hose in trays instead of pulling it through conduit or

Cable Tray Brackets & Hangers

Explore Direct Channel's range of cable tray brackets and hangers, including stand-off brackets, G hanger supports, and trapeze

Blitz LT Hanger

Blitz LT Hanger A straightforward, swift solution for hanging cable trays, replacing conventional trapeze channel and strut support

Cable tray fittings and accessories

These fittings allow installers to navigate obstacles, elevation changes, and multi-level layouts without

Cable Tray

Center Support For 12" Wide Tray, Zinc-Plated Steel Category: Cable Tray Center Hangers FASP300PG - FAS PROFILE 12 inch

Cable Tray Hanger Bracket & Channel Hangers | TechLine Mfg

TechLine Mfg. offers various supports for its Snap Track products including hangers, brackets and clamps. Scroll to bottom of page

Electrical Supports

From single trays to complex multi-tiered systems, modular supports give you the flexibility you need. Our wide range of fasteners

Cable Tray Accessories, Cable Tray Hangers & Support | RS

They are designed to support horizontal runs of tray from overhead structures. A cable tray support is a bracket used to support your

Cable Tray Brackets & Hangers

Direct Channel offers a comprehensive selection of Cable Tray Brackets and Hangers, designed to provide robust support and

Contact Us

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

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