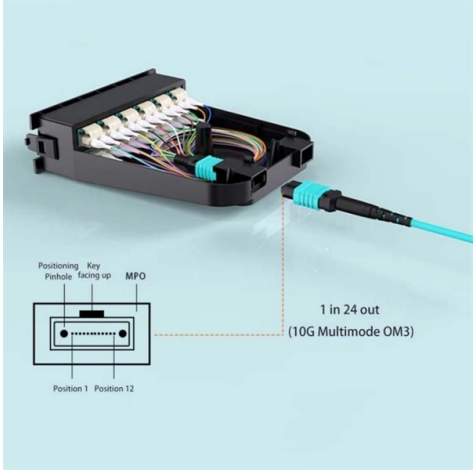
ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Cable tray supports and cable tray brackets



Overview

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

Key Takeaways

Cable tray bracket supports are structural components used to securely hold and support cable trays, ensuring safe and organized routing of electrical cables.Purpose of Cable Tray Bracket Supports

Cable tray bracket supports are designed to support horizontal or vertical runs of cable trays, maintaining proper alignment and load distribution. They prevent sagging, reduce stress on cables, and ensure compliance with safety standards by keeping cables organized and off the floor, reducing tripping hazards and potential damage to wiring .

Types of Bracket Supports
• Wall-Mounted Brackets: Fixed to walls via flanges, ideal for supporting cable trays along vertical surfaces .

• Ceiling or Overhead Hangers: Suspended from ceilings or beams to support horizontal tray runs, often adjustable for height .

• Cantilever Brackets: Extend from a wall or column to support trays in open spaces without additional vertical supports .

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• Custom or Heavy-Duty Brackets: Designed for high-load applications or unusual installation locations, sometimes fire-rated or compliant with seismic standards .
Materials and Construction

Cable tray brackets are typically made from pre-galvanized steel, hot-dip galvanized steel, or aluminum, providing durability and corrosion resistance for both indoor and outdoor installations . Heavy-duty brackets may include reinforced designs to handle larger cable loads or specialized trays like ladder or ventilated types .

Installation Considerations
• Brackets should be spaced according to tray type and load, with ladder trays requiring supports at each rung or crossbar, and solid-bottom trays needing closer spacing for weight distribution .

• Secure attachment to walls, ceilings, or structural beams is essential to prevent movement or sagging.

• Accessories such as couplers, tees, crosses, and clamps may be used in conjunction with brackets to manage directional changes and cable transitions .
Additional Accessories

Cable tray systems often include hangers, couplers, clamps, and covers to enhance support, protect cables, and facilitate installation. These accessories allow for flexibility in routing, easy maintenance, and compliance with fire or safety regulations .

Summary

Cable tray bracket supports are essential for safe, organized, and durable cable management. Selecting the right type, material, and spacing ensures structural integrity, compliance with standards, and ease of maintenance in commercial and industrial electrical installations .

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The cable tray system provides a professional finish and is used for wires such as network and AV systems, fiber optics, computers

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