ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Vertical cable tray mounting bracket styles



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

“Riding horse” type U brackets are commonly used for vertical cable tray installations, providing stable support and ease of maintenance.Recommended Bracket Type

For vertical cable tray runs mounted against walls, the “riding horse” U bracket is the ideal solution. These brackets are designed to support the weight of the cable tray and maintain stability while allowing convenient access for maintenance . Another option includes threaded rod-mounted vertical support brackets, which can be bolted directly to coupler plates at splice points or field-drilled along the tray side rails for flexible installation .

Installation Guidelines
• Spacing: Typically, one U bracket is installed every 1.5 to 2 meters of vertical cable tray .

• Fastening: Each bracket is secured with 2 iron expansion bolts to ensure robust vertical support .

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• Threaded rod supports: These are used for vertical runs where the bracket is suspended from above or attached to structural elements, providing additional flexibility in positioning .
Materials and Durability

Vertical cable tray brackets are usually made from Q235 carbon steel or stainless steel (grades 201, 304, or 316) for structural integrity . Surface treatments such as hot-dip galvanizing, powder coating, fireproofing, or aluminum-magnesium-zinc plating enhance corrosion resistance and durability .

Additional Considerations
• Ensure proper grounding and bonding of the cable tray system.

• Use connectors to join tray sections securely, maintaining both structural and electrical continuity .

• For taller vertical runs, consider the building structure and load distribution to prevent excessive stress on individual brackets . By selecting the correct U-type or threaded rod vertical support brackets and following proper installation spacing and fastening guidelines, vertical cable tray systems can achieve both safety and long-term reliability.

Article Content

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Cable Tray Supports | McMaster-Carr

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Wire Mesh Vertical Bracket | Wire Mesh Trays | Cable Tray and Reels ...

This vertical bracket secures trays for stable routing, enabling fast, hardware-free installation on vertical surfaces. Wall supports

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Cable tray wall support brackets & mounts provide strong, durable support, corrosion resistance, and easy

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Flextray wire basket section of NEMA cable tray

The FlextrayTM system is a flexible, field-adaptable way to manage cables throughout your project. The tray can be cut and bent to

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Trof Vertical Supports

Vertical support brackets are designed for supporting vertical cable tray runs Using threaded rod. They can either be bolted directly

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CableTray Book English

The width of a channel tray is a function of the number, size, spacing and weight of the cables in the tray. Available nominal widths

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Electro Zinc Plated Wire Mesh Cable Tray bracket, Triangle

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The NavePoint 00406781 electro zinc plated wire mesh cable tray triangle wall bracket is an ideal solution for neatly routing and

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Wire Mesh Vertical Bracket | Wire Mesh Trays | Cable Tray and Reels ...

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This vertical bracket secures trays for stable routing, enabling fast, hardware-free installation on vertical surfaces. Wall supports

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Cable tray wall support brackets & mounts provide strong, durable support, corrosion resistance, and easy

Vertical Wall-Mounted Cable Tray Installation Guide

Learn when vertical wall-mounted cable tray is the right choice, what to check for supports, anchors, cable load, and transitions, and

Trof Vertical Supports

They can either be bolted directly onto coupler plates at splices points or bolted anywhere along a cable tray by field-drilling side

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

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Cable tray wall supports and mounting brackets are engineered components designed to secure and stabilize wire mesh cable tray

Cable Tray

Cable Runway Vertical Wall Bracket secures ladder rack to a wall or other flat surface. This Vertical Wall Bracket, LVWBB item

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