

Anti-sway brackets for cable tray installation



AI Overview

Anti-sway brackets stabilize cable trays by preventing lateral movement, ensuring safe and compliant cable routing. Understanding Anti-Sway Brackets Anti-sway brackets, also called lateral braces, are used to prevent side-to-side movement of cable trays, especially in long runs, elevated installations, or areas subject to vibration or seismic activity . They are typically installed perpendicular to the tray and attached to the structural support, such as walls, ceilings, or strut channels. Tools and Materials Needed Anti-sway brackets or lateral braces compatible with your cable tray system Threaded rods, anchor bolts, or wall anchors Nuts, washers, and hold-down clips Power drill or hammer drill (for concrete or masonry) Wrenches and socket set Level and measuring tape Chalk line or laser level for alignment Step-by-Step Installation Plan the Layout Determine the cable tray route and mark the support points along the tray. Anti-sway brackets are usually installed at intervals specified by the manufacturer, often every 1.5–2 meters, or more frequently in seismic zones . Install Structural Anchors Drill holes into the wall, ceiling, or strut channel at the marked points. Insert expansion bolts, drop-in anchors, or threaded rods depending on the mounting surface . Attach Anti-Sway Brackets Secure the anti-sway bracket to the structural anchor. Ensure the bracket is perpendicular to the cable tray and level. For seismic or vibration-prone areas, use pre-stretched galvanized aircraft cable or TOLCO-style fast-attach yokes for quick and secure installation . Connect the Cable Tray Lift the cable tray onto the brackets and secure it using hold-down clips or bolts. Ensure the tray is firmly seated and cannot slide laterally. Install Lateral Bracing Cables (if required) For long spans or seismic applications, attach lateral bracing cables from the anti-sway bracket to the tray or adjacent structural points. Tighten...

Article Content

Cable Bracing | nVent CADDY

The system includes steel cable assemblies compliant with all ASCE® 19 requirements, which includes patented attachment fittings, swaged oval sleeves

Cable Tray Brackets & Hangers

Explore Direct Channel's range of cable tray brackets and hangers, including stand-off brackets, G hanger supports, and trapeze support brackets. Available in various sizes and finishes, our products

15 Best Bike Racks for Cars (June 2026) Tested & Ranked

Find the best bike racks for cars in 2026. We tested 15 top models including hitch, trunk, and roof racks for value and performance.

Seismic Bracing Kit | Seismic Bracing | Wire and Cable Hangers | Wire ...

The ease of creating fittings, carried out on site, as well as the wide range of unique and universal accessories gives complete freedom in routing combined with exceptionally fast installation.

Seismic Bracing Systems | nVent CADDY

The innovative line of nVent CADDY Bracing Systems was developed to help keep fire sprinkler systems intact after a seismic event and to minimize water damage

Anti-Sway Brackets

PLP Anti-Sway Brackets secure the bottom of cable spacers at tangent poles to prevent sway/swinging movement of the bundle. Bundle movement can cause

Sway Braces | nVent CADDY

Quick Grip Lateral Sway Brace Seismic lateral sway brace for single pipe that eliminates trips between structure and service pipe during installation.

Wall Bracket for 150 mm and 300 mm Wire Mesh Cable

The SmartRack® SRWBWALLBRKT is a black powder-coated metal bracket for easy installation with your wire mesh cable tray. This L-shaped bracket allows

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.

Heavy-Duty Wall Bracket for 150-450 mm Cable Trays

Mount a 6-, 12- or 18-inch wire mesh cable tray along the wall of your data center or network closet as far as you want with heavy-duty wall bracket.

Cable Tray Hanger Bracket & Channel Hangers

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

Mechanical, Electrical and Plumbing Seismic Bracing Systems

Snap-off bolt head helps enable easy installation and inspection of seismic sway braces. No assembly required.

Cable Tray Brackets | Cable Tray System | Netceed UK

Netceed offers a comprehensive range of cable tray stand off brackets designed to provide secure and flexible support for cable trays in various installations.

CABLE TRAY SYSTEMS GUIDE

Cable Tray Systems Guide HUBBELL Hubbell Wiring Device-Kellems and Hubbell Premise Wiring are divisions of Hubbell Incorporated, a U.S. headquartered manufacturer with over 130 years of

Cable bracing | Sway bracing | Tolco | Eaton

For over 60 years, Eaton has manufactured TOLCO seismic bracing and B-Line series cable tray, strut systems, pipe hangers and more that support electrical, mechanical, plumbing, and fire protection

Trapeze Hanging Cross-Bracket for Wire Mesh Cable

Suspend wire mesh cable trays from the ceiling of your data center or network closet with 150mm black powder-coated metal hanging cross-bracket.

Cable Tray Accessories | Light, Medium & Heavy Duty

Cable tray accessories including light, medium, and heavy duty cable tray. Durable cable tray widths from 50mm to 150mm for all installations.

Cable Tray Brackets: Stand Off Brackets For Cable Trays

And for seamless floor-level access, Floor Boxes keep cables organised while maintaining a clean, professional look. With Cable Tray

Installing Seismic Restraints for Electrical Equipment

Raceways/Conduits/Cable Trays: Covers the different ways to install raceways, conduits, and cable trays. Attachment Types: Gives instructions on installing equipment in different arrangements known

Spider Bracket for Wire Mesh Cable Trays | Eaton

Mount wire mesh cable trays along the wall or floor of your data center or network closet with black powder-coated metal spider bracket.

Cable Tray Technical Guide A practical guide to product selection and ...

A practical guide to product selection and installation This guide for engineers and installers has been developed by ABB as a practical reference regarding cable tray characteristics, installation, and

Cable Tray Fitting Accessories

Cable tray fitting accessories, also known as cable tray accessories, are a wide range of components used to connect, support, or change the direction of

Suspension bracket for cable tray and cable ladder | OBO

Cable trays or cable ladders can be mounted both in a lengthwise and a transverse direction beneath previously installed cable sections. Optional mounting in

Seismic bracing cable kit system | MEP cable bracing

Up to 50% faster to install, the seismic bracing cable kit system is designed to suspend equipment and other systems to help minimize damage in a seismic event.

Rigid bracing system | Sway brace attachment | Tolco

When it comes to seismic rigid bracing system attachments for single hung pipe, duct, cable tray or any trapeze hung system, TOLCO seismic bracing products

Seismic Bracing Systems for Cable Trays Catalog

Explore seismic bracing solutions for cable trays. Catalog details wire rope/cable systems, specs, design for earthquake protection.

Wall L Bracket for 150 mm and 300 mm Wire Mesh Cable Trays

Wall L Bracket for 150 mm and 300 mm Wire Mesh Cable Trays MODEL NUMBER: SRWBWALLBRKT Securely attaches sections of wire mesh cable tray to the wall of your data center, network closet or

Contact Us

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

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