Price of Wall-Mounted Cable Tray Seismic Bracing

Overview

Cablofil Wiremesh Cable Tray concept based upon performance, safety and economy; three qualities which make Cablofil Wiremesh Cable Tray system preferred by installers.

Key Takeaways

The price of wall-mounted cable tray seismic bracing varies widely depending on size, material, and manufacturer, typically ranging from $50 to several hundred dollars per support unit. Product OverviewWall-mounted seismic bracing systems are designed to secure cable trays against seismic activity, ensuring compliance with codes such as NEC, UBC, IBC, and OSHPD. These supports are generally made of galvanized steel or high-strength alloys, providing excellent tensile, compressive, and shear strength to withstand earthquake forces.

Many systems feature adjustable height and width, allowing them to accommodate different cable tray sizes and complex layouts. They are often UL listed and corrosion-resistant, suitable for long-term use in industrial, commercial, and institutional buildings.

Key Features

Seismic Certification: Meets NEC, UBC, IBC, and OSHPD standards. Material: Galvanized steel or alloy for durability and corrosion resistance. Adjustability: Height and width can be modified to fit various cable tray configurations.

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Installation: Can be mounted on walls or ceilings; kits include necessary hardware and instructions. Applications: Ideal for cable trays in earthquake-prone areas, commercial buildings, factories, schools, and power stations.

Pricing Considerations

The cost of seismic bracing depends on several factors: Material and Finish: Galvanized or coated steel is more expensive than basic steel. Size and Load Capacity: Larger or heavier-duty supports cost more. Adjustability and Features: Supports with adjustable components or universal fittings are priced higher.

Quantity and Supplier: Bulk orders or sourcing from manufacturers in China (e.g., Hebei) may reduce per-unit cost. Shipping and Handling: Costs vary based on weight, destination, and shipping method. While exact prices are not listed in the sources, typical wall-mounted seismic cable tray supports range from approximately $50 to $300 per unit, with complete kits for long runs potentially costing more depending on the number of supports required.

For precise pricing, it is recommended to contact suppliers directly such as Legrand, MachineU, or Made-in-China vendors, providing specifications like tray size, seismic rating, and quantity.

Recommendation

To obtain an accurate quote: Specify the cable tray dimensions and seismic requirements. Request bulk pricing if multiple supports are needed. Confirm shipping costs and delivery times.

Verify certifications to ensure compliance with local building codes. This approach ensures you get a cost-effective solution that meets safety and regulatory standards.

Article Content

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

Cablofil Wiremesh Cable Tray concept based upon performance, safety and economy; three qualities which make Cablofil Wiremesh Cable Tray system preferred by installers. Cablofil adapts to the most

Cable Tray Seismic Bracing

The cost of cable tray seismic bracing is influenced by several factors, including the material used, the type and size of the trays, and the complexity of the installation.

Seismic Bracing Hardware

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These cable seismic braces secure cables around beams and joists in buildings to stabilize them during earthquakes. They accommodate different cable sizes and are commonly used to stabilize hanging

Seismic bracing cable kit system | MEP cable bracing

The B-Line series seismic bracing cable kit system is designed to brace non-structural equipment and distribution systems to help minimize damage in a

Seismic Kits | ISAT Kits Proven Process | ISAT Total

Each seismic kit contains the necessary components (excluding strut) to install the seismic brace assemblies for the MEP trades. Kits are built specifically for each

Galvanized Sway Cable Tray Seismic Bracing Supports Wall Mounted

Made of steel, this earthquake-resistant cable tray support has a width of 4 inches and a length of 10 feet. It is UL listed, ensuring that it meets the safety standards required for use in electrical installations.

Seismic MEP Solutions | Eaton

What are the types of cable bracing? Seismic bracing is categorized as cable bracing or rigid bracing. Both can be used in mechanical, electrical, and plumbing applications. Cable bracing works in

Seismic Bracing & Stiffening Solutions | Gripple TecLoc

Engineered for strength, speed, and long-term reliability, the TecLoc range delivers game-changing solutions for securing suspended services in seismic and blast-prone environments. In seismic

Supply Complete Set of Seismic Bracing Cable Tray Earthquake

So our products have not only reasonable design, beautiful appearance, precise sizes and hole location, but also high quality with a competitive price. The inside area of our workshop is

Table of Contents -Electrical

TYPICAL BRACING OF SERVICES - PLAN VIEW NOTE: COLOUR OF SYMBOL DENOTES CABLE SPECIFIED BY ENGINEER, SPECIFIC TO SEISMIC DESIGN FOR EACH PARTICULAR

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

Kit contains items needed for seismic bracing long cable tray runs. Each kit contains: (4) 11'' cables with mounting eyelets (2) Metal brackets for attachment to support members (4) Cable clamp collars (4)

Understanding the Seismic Resistance of Cable Trays

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This article discusses the importance of seismic resistance for cable trays, detailing when seismic braces are necessary, the factors that affect

How Cable Trays and Seismic Bracing Systems Mitigate Earthquake

In Antakya, a hospital using ISO-compliant cable trays retained functional emergency power and oxygen lines despite 0.8g ground acceleration, while nearby facilities without such

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.

6.4 Mechanical, Electrical, and Plumbing Components

BUILDING CODE PROVISIONS Seismic loads for electrical raceways, conduit, cable trays, and bus ducts are determined using ASCE/SEI 7-10, Minimum Design Loads for Buildings and Other

SOLUTIONS

Engineer certified designs and site inspections Ezystrut offers a range of seismic solutions that comply with Australian Standard AS1170.4. Our one-stop solution for seismic bracing, cable tray, pipe

Reliable Cable Tray Seismic Bracing | Control Quake

Cable tray seismic bracing is a support device that limits the displacement of electromechanical pipelines (such as water pipes, cable trays, and air ducts) and

Performance-based optimum seismic design of cable tray system

The seismic performance levels of cable tray systems are presented according to current seismic design codes. A performance-based optimum seismic design procedure for cable tray

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