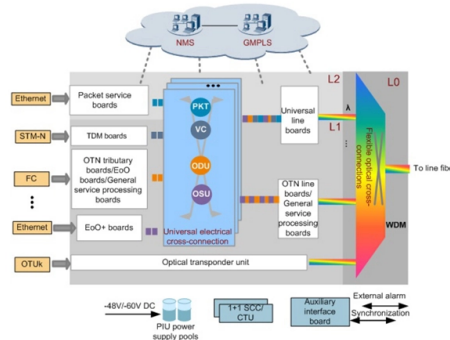


Lateral Price of Cable Tray Seismic Bracing



AI Overview

Lateral seismic bracing for cable trays typically ranges from \$50 to \$300 per kit or assembly, depending on size, material, and supplier.

Cost Factors

The price of lateral seismic bracing depends on several factors:

- Type of Bracing System:** Rigid steel braces, wire cable kits, or aluminum systems vary in cost. For example, TOLCO B-Line series seismic cable kits are designed for fast installation and may cost more than basic rigid braces due to pre-stretched aircraft cable and tool-less clamps.
- Kit Components:** Kits often include wire assemblies, clamps, pre-attached eyelets, and color-coded tags for verification. Larger kits for long cable tray runs or extended drop lengths are more expensive.
- Material and Finish:** Galvanized steel, stainless steel, or aluminum options affect durability and price. High-strength steel is common for seismic applications and may increase cost.
- Compliance and Certification:** Products tested and stamped by professional engineers or pre-approved for building codes (e.g., OSHPD, IBC) may carry a premium.
- Installation Complexity:** Kits designed for tool-less or fast installation reduce labor costs but may have higher upfront material costs.

Typical Price Range

- Small kits or single lateral braces: \$50–\$100 per unit for short runs or retrofit applications.
- Medium kits (10–20 ft cable lengths): \$150–\$250 per kit, including clamps and pre-attached fittings.
- Large or custom kits: \$250–\$300+ per kit for long runs, multiple attachment points, or specialized seismic requirements.

Additional Considerations

- Local Building Codes:** In seismic zones, compliance with local regulations may require additional braces or higher-grade materials, affecting total cost.
- Supplier Quotes:** Prices vary by manufacturer and region. Suppliers like Suzhou Hoogo, Eaton (TOLCO), and Legrand provide OEM/ODM options and may offer bulk discounts.
- Installation Services:** Some suppliers provide engineering support or...

Article Content

UNISTRUT Seismic Bracing Solutions

Placing Longitudinal Braces*: Place longitudinal braces so that individual spans do not exceed the longitudinal brace spacing (l L) as determined in sections 1, 2 and 8. See note III on previous page

Seismic and cable tray solution flyer

Eaton's B-Line series cable tray with TOLCO seismic bracing is the recommended total solution for your project. Our cable tray, bolted framing, and seismic bracing are approved as one system through

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)

Seismic and cable tray solution flyer

Our team of experts can help you select the best cable tray series for your application, as well as designing your seismic bracing layout to ensure it meets applicable building codes and standards.

Seismic Bracing System Lateral Seismic Support for Cable Trays

Our main products include assembly bracing systems, seismic bracing systems, FM approved seismic bracing systems, aluminum bracing systems, anchor bolt series, anti-collision and protection

SEISMIC BRACING OF A DISTRIBUTED CABLE TRAY SYSTEM

The proprietary channels provided an effective method of transferring lateral forces from the upper and lower levels of cable trays to the HSS bracing elements, however the middle level of cable trays did

Cable Tray Market Size, Share, Types, Trends, Report

Cable tray installation in large-scale projects — nuclear plants, petrochemical facilities, and mega data centers — demands specialized

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

Connect cables directly to 3/8" threaded rod in trapeze installations for seismic bracing. Use 2 EZ BN 3/8 to attach cables to FAS PCH for sway bracing. Predrilled tabs allow attachment directly to concrete

Seismic cable bracing

Discover seismic cable bracing with cross bracing for steel structures. Ideal for seismic loading, CE certified, durable galvanized steel.

Seismic Cable Bracing Systems

Seismic Bracing Systems may be used for electrical cable trays, fire sprinkler systems, plumbing, and suspended equipment. Though the most common

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.

Seismic cable bracing solution brochure

Seismic cable applications Along with reliable, quality products that deliver lower total installed cost, Eaton provides pre-engineered details for lateral and longitudinal bracing of cable tray, single hung

Cable Tray Two-Way Bracing (lateral + longitudinal)

Cable Tray Two-Way Bracing (lateral + longitudinal) Seismic Stabilizer Bracket Slotted Steel Strut Channel, Find Details and Price about Seismic Bracing and

Understanding the Seismic Resistance of Cable Trays

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

Properly installed systems can reduce lateral displacements by 40-60%. Controlled Movement: Unlike fixed supports, seismic-rated cable trays allow controlled sway through articulated

Seismic Bracing & Force Protection | Gripple

Gripple Seismic Bracing systems are specifically designed and engineered to brace and secure suspended non-structural equipment (VAV boxes, fans, unit heaters, small in-line pumps, etc.) and

Cable Tray Lateral Bracing (lateral) Seismic Bracket Strut Channel ...

Cable Tray Lateral Bracing (lateral) Seismic Bracket Strut Channel Aseismic Brace, Find Details and Price about Seismic Bracing and Seismic Supports from Suzhou Hoogo Construction Auxiliary Co.,Ltd.

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

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 Bracing Ensures Stability and Safety of Cable Trays

Seismic bracing can enhance the stability and safety of cable trays during earthquakes and other vibration events, ensuring your cable system is secure and stable.

Vogtle Electric Generating Plant (VEGP) Units 3 and 4 Updated ...

Cable Trays and Cable Tray Supports This appendix provides the design criteria for seismic Category I cable trays and their supports. Seismic Category II cable trays and their supports are also designed

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.

Contact Us

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