

Price of L-type seismic bracing for cable trays



Overview

Seismic Bracing Kit | Seismic Bracing | Wire and Cable Hangers | Wire. Connect cables directly to 3/8" threaded rod in trapeze installations for seismic.

Key Takeaways

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 installation guidance, which can influence overall project cost. For an accurate price, it is recommended to contact suppliers directly with project specifications, including cable tray length, drop height, and seismic zone requirements, to receive a detailed quote.

Article Content

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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 Bracing Hardware

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

Earthquake Bracing | Seismic Cable & Conduit Support

Shop Earthquake Bracing at Launch 3 Telecom, seismic support solutions designed to secure cable trays, conduit, and equipment during seismic events.

Seismic Cable Bracing Systems | Lighting | HVAC

Griplock's Seismic Cable Bracing Systems are already specified by designers and architects in many new construction projects and are the perfect choice for retrofit projects where design flexibility is

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

UNISTRUT Seismic Bracing Solutions

Requirement: Each straight run requires a minimum of (2) transverse braces and (1) longitudinal brace.

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.

Cablofil SZMCKIT | Seismic Bracing Kit, Steel, Red, 10 in. L

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

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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 Ensures Stability and Safety of Cable Trays

Seismic Bracing – Enhancing System Stability and Seismic Resistance Seismic bracing, typically made of high-strength metal, is key component specifically designed to enhance the stability and safety of

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 Bracing Systems for Cable Trays Catalog

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

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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

UNISTRUT Seismic Bracing Solutions

UNISTRUT Seismic Bracing Solutions Unistrut is a global leader in seismic bracing solutions and is a go-to resource for Engineers, Contractors, Specifiers, and others. We have decades of experience

Cable Tray Seismic Performance Testing: What You

Learn why Cable Tray Seismic Performance Testing is essential for infrastructure safety, and what standards ensure your trays can withstand

Multi-Directional Bracing For Electrical Conduit, Cable Tray And ...

Multi-Directional Bracing For Electrical Conduit, Cable Tray And Mechanical Piping Systems INTRODUCTION What is Seismic Bracing? Seismic forces are exerted on a building and its contents

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

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

