

Construction cost of two-way seismic bracing for cable trays

Article Overview

The price of two-way seismic bracing for cable trays varies depending on cable size, length, and supplier, and is typically obtained via a custom quote.

Overview of Two-Way Seismic Bracing

Two-way seismic bracing stabilizes cable trays in both lateral and longitudinal directions, helping prevent damage during seismic events. Kits generally include:

- o Two pre-cut cables for 2-way bracing
 - o Factory-installed stake eye fittings
 - o Zinc-plated oval sleeves for swaging the cable ends
 - o Optional extra cable spools and sleeves for on-site adjustments
- These kits are designed to save installation time and eliminate the need for hand fabrication, making them suitable for both new and retrofit installations .

Factors Affecting Price

- o Cable Size and Material: Common sizes include #GO3 (GOLD), #OR4 (ORANGE), #GR6 (GREEN), and #BL8 (BLACK), with galvanized or zinc-plated steel options .
- o Cable Length: Kits are custom-made to the required length for the project site, which directly impacts cost .
- o Supplier and Certification: Products from suppliers like Eaton, Loos & Co., and EzyStrut may include PE-stamped assemblies, FM-approved components, or pre-engineered designs, which can influence pricing .
- o Installation Complexity: Projects with extended drop lengths or limited space may require specialized components or additional labor, affecting total cost .

How to Obtain Pricing

Since prices are not standardized online, the most reliable method is to request a quote from suppliers. For example:

- o Loos & Co. provides a short online quote form for 2-way or 4-way seismic cable kits .
- o Suzhou Hoogo Construction and other manufacturers offer OEM/ODM options and respond to inquiries for project-specific pricing .
- o Eaton and EzyStrut provide engineering support and pre-approved assemblies, which can be priced based on project specifications .

Recommendation

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To get an accurate cost estimate:

- o Determine the required cable size and length for your cable tray layout.
- o Decide whether you need pre-engineered or custom kits.
- o Contact multiple suppliers to compare quotes, including shipping and installation considerations.
- o Consider ordering extra cable and sleeves to reduce on-site fabrication costs . By following these steps, you can obtain a precise price tailored to your project while ensuring compliance with seismic safety standards.

The seismic performance levels of cable tray systems are presented according to current seismic design codes. A

The damping ratio used for the cable tray system is dependent on the level of seismic input and the amount of cable fill within the

UNISTRUT Seismic Bracing Solutions Unistrut is a global leader in seismic bracing solutions and is a go-to resource for Engineers,

The design aspects of electrical cable trays and support systems are discussed from the seismic and structural

Sway Bracing Kits Seismic Cable Sway Bracing Kits are available with two cables (2-way brace) or with

Seismic Bracing Systems Earthquake reality is considered as an important factor in the construction of buildings in residential areas

In Antakya, a hospital using ISO-compliant cable trays retained functional emergency power and oxygen lines despite

UNISTRUT Seismic Bracing Solutions ntractors, Specifiers, and others. We have decades of experience with real-world applications

Cable Tray Two-Way Bracing System Seismic Stabilizer Bracket Strut Channel Support, Find Details and Price about Seismic

Griplock"s Seismic Cable Bracing Systems are already specified by designers and architects in many new construction projects and

Eaton"s B-Line series cable tray with TOLCO seismic bracing is the recommended total solution for your project. Our cable tray,



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Seismic engineering services to help customers from pre-bid to inspection walk-through Full portfolio of seismic bracing solutions and

MEP seismic bracing cost explained: learn what drives material, labor, engineering, and inspection fees, avoid hidden scope gaps,

Explore our game-changing solutions for seismic and blast protection. Designed to secure suspended services quickly, reliably, and

Cable Trays and Cable Tray Supports This appendix provides the design criteria for seismic Category I cable trays and their

For over 60 years, Eaton has manufactured TOLCO seismic bracing and B-Line series cable tray, strut systems, pipe hangers and

Web: <https://bssoda.pl>

