

Installation location of seismic-resistant cable tray supports



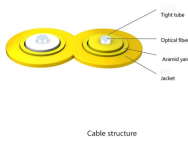
Overview

Connect cables directly to 3/8" threaded rod in trapeze installations for seismic bracing. Predrilled tabs allow attachment directly to concrete deck. Spacing must be at least every 30'. In regions prone to seismic activity, ensuring that your cable tray system is capable of withstanding such events is vital. This article will explore the importance of seismic resistance in cable trays, discuss when seismic braces are necessary, and help you understand how to make informed. 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 third party testing. The connection was a customized rigid ceiling boot (2).

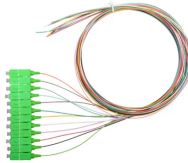
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Since the facilities were located in a area of high seismicity, the cable tray system was required to be braced to resist seismic forces. In addition, the owner of the facility imposed additional design criteria ...



These were heavily loaded cable trays supported on cantilever bracket supports, which were attached to base-mounted cantilever posts constructed of light metal strut channels. There were no lateral ...



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.



The seismic performance of a cable tray system depends just as much on the building connection as on the tray itself. Every hanger, trapeze, beam clamp, concrete insert, and post ...



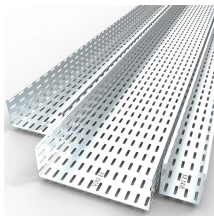
This appendix provides the design criteria for seismic Category I cable trays and their supports. Seismic Category II cable trays and their supports are also designed utilizing the design criteria of this appendix.



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Seismic restraints are designed to resist the horizontal seismic force in two primary directions: Transverse (perpendicular) and Longitudinal (parallel) to the run. The braces are attached to the ...



Determine the routing of the distribution system (HVAC duct, cable tray, conduit, etc.) or the location of the suspended component. The Registered Design Professional shall design the appropriate vertical ...



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 ...



Unless transverse (T) and longitudinal (L) load carrying capacities are provided by the manufacturer for cable trays and bus ducts locate the transverse (T) and longitudinal (L) seismic restraints at the cable ...

Contact Us

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