

How far should the anti-sway supports for cable trays be



Overview

Never exceed the manufacturer's recommended distance between supports. Strategic Support Placement: Install supports within 2 feet (600mm) of every fitting (bends, tees, crosses) and on both sides of any expansion joint. This ensures the system remains rigid where mechanical stress. The National Electrical Code (NEC) covers many aspects of cable tray supports and fittings. The National Electrical Code is a set of principles designed to promote public safety and welfare, as well as safeguard public health by regulating the design and operation of electrical facilities and. The primary rulebook used in the safe use of cable trays is NEC Article 392. This guide covers the critical steps, from selecting the right electrical cable tray and performing accurate cable fill. Cable trays can be used as a support system for various wiring methods, including service conductors, feeders, branch circuits, communications circuits, control circuits, and signaling circuits (392. Cable trays are used not just in industrial establishments. The tray test is for the designated load and a 200# dead load in midspan.



Article Content

Apr 15, 2026

Cable Tray Supports | Information by Electrical Professionals for ...

Support for the cables inside or for the tray? What type of tray? Ladder or ventilated, metal or aluminum wire or flat solid bottom? It may be in the assembly specs.

Nov 15, 2025

5 Golden Rules for Safe & Compliant Cable Tray Installation

The support span depends on the NEMA class of the tray, but typical spans range from 8 to 20 feet (approx. 2.4m to 6m). Always check the manufacturer's specification sheet for the exact ...

Nov 24, 2025

NEMA and NEC Regulations for Cable Tray Requirements

By ensuring proper span distances and adhering to the cable tray clearance requirements NEC, you can maintain compliance with cable tray height requirements and extend the ...

Jul 28, 2025

NEC Article 392 Guide: Ensuring Compliance for Cable Tray Systems

Strong hangers or brackets should be used to ensure that cable trays do not fall or hang. According to the regulations under NEC 392.30, these supports have to be put at a consistent ...

Jan 01, 2026

NEMA VE2 Cable Tray Installation

This section starts out covering areas where cable tray cannot be installed and then covers the basic tools required for cable tray installation. From here it goes into the many types of supports and ...

Apr 18, 2026

Cable Tray Systems: Requirements and Best Practices

This article explains the main requirements and good practices for cable tray systems, including tray types, materials, loading, supports, bonding, cable selection, and installation details.

Oct 17, 2025

Explaining NEC Article 392 on Cable Trays

For non-horizontal runs, cables should be fastened securely to transverse members of the cable tray. Supports must be provided to prevent stress on cables where they enter raceways from ...

Nov 06, 2025

A Guide to Installing and Supporting Electrical Cable Trays

Cable Tray Support Span: The distance between supports is a critical calculation. The cable tray support span must be determined based on the manufacturer's load capacity chart and the total anticipated ...

Mar 30, 2026

Product Advice: Bracket Spacing Considerations | Armaflo

Traditionally, it has been recommended to install brackets approximately every 1 to 1.5 meters along the length of the cable tray. However, this guideline isn't set in stone. There are factors to consider when ...

Nov 10, 2025

Cable Tray Support Spacing: Key Guidelines Explained

The NEC requires that cable trays must be supported by members at an interval specified by the cable tray manufacturer, but not more than 5 feet for horizontal runs to support the weight of ...

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

This document is for informational purposes only. Specifications subject to change without notice.

