

Mesh cable tray clip connection method



Article Overview

Mesh cable trays can be connected using clip-on couplers or clamp connectors that secure trays together without welding or complex hardware.

Types of Clip-On Connections

1. Wire Mesh Coupler Clips: These are small metal clips designed to join two mesh trays in a straight line or at bends. They typically include a carriage bolt and washer to secure the connection. Kits often come in bulk, such as 50-piece sets, and are made from carbon steel or galvanized steel for durability and corrosion resistance (Zonon coupler kits) . 2. Clamp Connectors: These clips attach to the sides of the mesh trays and can join trays after bending or in straight configurations. They are lightweight, allow easy access to cables, and can support significant loads when properly mounted . 3. Hanging Clips: For suspending trays from threaded rods, hanging clips attach to the tray sides and require nuts, washers, and rods. This method is useful for overhead installations and ensures proper ventilation and load distribution .

Installation Tips

- Align Trays: Ensure the ends of the mesh trays are flush before attaching clips.
- Secure with Bolts: Insert carriage bolts through the clip and tray holes, then tighten with washers and nuts.
- Check Load Capacity: Follow manufacturer guidelines for maximum supported weight per foot, typically based on tray supports every 6–8 feet.
- Corrosion Protection: Use clips with zinc plating or galvanized steel for environme...

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One of our most popular playlists filled with extremely useful cable tray installation demonstrations.

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GUIDE CABLE TRAYS TECHNICAL

NEMA VE 1-2017 Specifies requirements for metal cable trays and associated fittings designed for use in accordance with the rules

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Le chemin de câbles en treillis métallique et les accessoires Legrand/ Cablofil sont disponibles dans diverses finitions pour répondre

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Wire Mesh Cable Tray Accessories for Fixing and Installation:

Wire Mesh Cable Tray Trays shall be supported at a maximum span of 2.5m by trapeze, wall, floor or channel mounting methods

Contact Us

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