

Galvanized connecting plate for cable trays



Summary of Content

Connecting plates for galvanized cable trays should be secured at both ends with at least two bolts, ensuring mechanical stability and proper alignment without requiring grounding jumpers.

Selecting the Right Joint Plate

For galvanized cable trays, the most common connecting plates are splice plates, which are flat metal plates with pre-drilled holes designed to join two tray sections end-to-end . Other options include adjustable joint plates for minor alignment corrections and universal splice kits compatible with multiple tray types . Material selection is critical: galvanized steel plates are preferred to match the tray material and maintain corrosion resistance .

Installation Steps

- **Align Tray Sections:** Position the two tray sections so that their ends are flush and properly aligned. Ensure the tray is level and supported according to the design layout .
- **Position the Splice Plate:** Place the splice plate on the side rails of the tray, ensuring the pre-drilled holes line up with the tray holes . For adjustable plates, make minor adjustments to achieve perfect alignment.
- **Insert Bolts:** Use at least two bolts per end of the splice plate. Bolts should be fitted with lock nuts or spring washers to prevent loosening due to vibration . Standard nuts and bolts are sufficient; torque control is recommended to ensure long-term stability .

Article Content

Pre Galvanised Cable Tray Fish Plate | Trench

Find out more about Pre Galvanised Cable Tray Fish Plate now! OBO - your provider for Cable Tray Ancillaries .

Cable Tray Coupler Plate Connector | Tray Joint Fitting

At PowerCableTray, we provide heavy-duty Coupler Plates (Joint Levers) designed to ensure the maximum mechanical strength and

L3-CT-SPLICE-S-G Straight Galvanized Splice Plate for

Ensure a seamless and secure connection in your cable management system

Cable Tray Fitting Accessories

These fittings are typically constructed from materials like galvanized steel, stainless steel, aluminum alloy, or FRP (fiberglass)

Cable Trays | McMaster-Carr

Choose from our selection of cable trays, including over 850 products in a wide range of styles and sizes. Same and Next Day Delivery.

Factory Direct Sales of High-Quality Galvanized Connecting Plates for ...

The Galvanized Cable Tray Connecting Plate is the core connecting accessory for all cable tray systems (trough, ladder, perforated

Cable Tray

Cable Tray, Divider Strip, 2 Inch, COT30, For cable separation within a single tray.

Pre-Galvanised Fish Plates

Pre-galvanised fish plates are used to strengthen joints between lengths of electrical cable tray or where joined to an accessory.

Cable Tray Connectors | McMaster-Carr

Cut, bend, and connect these wire mesh tray systems to route cable and hose in configurations such as curves, slopes, and tees.

L3-CT-SPLICE-S-G Straight Galvanized Splice Plate for Cable Tray,

Ensure a seamless and secure connection in your cable management system with Straight Splices. These connectors securely join

Factory Direct Sales of High-Quality Galvanized Connecting Plates for ...

The product range includes fire-resistant cable trays, aluminum alloy cable trays, stainless steel cable trays, hot-dip galvanized cable

Contact Us

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