

Mesh cable tray connection cable tray



Summary of Content

Use appropriate connectors, splice kits, or bolts to securely join mesh cable trays to standard cable trays while ensuring proper alignment and load support.

Step-by-Step Guide

1. Choose the Right Connection Method

- Couplers or splice plates: Flat metal plates with pre-drilled holes can be bolted to the ends of both the mesh tray and the cable tray for a strong, rigid connection suitable for heavy cable loads .
- Proprietary connector kits: Many manufacturers offer tool-less or snap-fit kits designed specifically for their trays, allowing faster installation and ensuring compliance with load ratings .
- Bolted connections: For heavier bundles or industrial installations, bolt sets provide a more secure and durable join .

2. Align the Trays Properly

- Ensure both tray ends are level and aligned before tightening any fasteners. Misalignment can cause uneven loads, sagging, or cable damage .
- For angled connections, use L, T, or cross-shaped plates to maintain proper routing and support .

3. Secure the Connection

- Position the mesh tray end against the cable tray end.
- Attach the chosen connector (splice plate, coupler, or proprietary kit) and tighten bolts or clips according to manufacturer specifications .

- Check that the connection is firm and that the trays are flush to prevent gaps or sagging.

4. Support and Load Considerations

Article Content

Mesh cable tray systems

Thanks to the connection system developed by OBO, the mesh cable tray can be mounted in a matter of seconds – without any

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Our mesh cable trays are available in galvanised, stainless steel, or electro-zinc finishes, providing high resistance to corrosion and

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Mesh cable tray systems from OBO Bettermann offer appropriate solution for rapid, safe, and cost effective cable routing in all areas

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We're expanding our Wire Mesh Tray offering with new 30-inch and 36-inch widths – and the 36-inch tray is a game-changer for

Mesh cable tray systems

The FS variant is used to connect electrogalvanised mesh cable trays, the DD variant to connect hot/hot-dip galvanised mesh cable

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

Mesh Cable Tray Without Threaded Rod

Wire mesh cable trays with a rail height of 54 mm, in widths of 100 to 400 mm (MTC 54.100 - MTC 54.400) are used for ceiling and

Wire Mesh Cable Tray

WM wire mesh cable trays are ideal for commercial and data center cable management, providing a flexible way to adjust your cable

Mesh cable tray systems

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