

Cable tray and bracket models



Overview

Choose from our selection of cable tray mounting brackets in a wide range of styles and sizes. Same and Next Day Delivery.

Key Takeaways

Cable tray brackets are support elements designed to secure cable trays to walls, ceilings, floors, or other structures, with types including wall-mounted, ceiling-hung, floor-mounted, and cantilever brackets. Common Types of Cable Tray Brackets¹.

Wall-

Mounted Brackets These brackets attach directly to walls and are ideal for vertical or horizontal cable runs along building walls. They provide stable support for cable trays without occupying floor space and are commonly used in industrial and commercial installations. ².

Ceiling-

Hung Brackets (Suspended Supports) Suspended or ceiling-hung brackets are used to hang cable trays from ceilings or overhead structures. They are suitable for long horizontal runs and help maintain clear floor space. These supports often include rods, clamps, or hangers to secure the tray.

3.



Floor-

Mounted Brackets Floor-mounted brackets support cable trays from the ground, typically in areas where wall or ceiling mounting is not feasible. They are often used in data centers, factories, or warehouses where cable trays need to run across open floor areas. 4.

Cantilever Brackets Cantilever brackets extend horizontally from a wall or vertical structure to support cable trays without additional vertical supports. They are useful for installations where space is limited or where trays need to extend over equipment or obstacles.

Additional Considerations

Material and Finish: Brackets are usually made from steel, stainless steel, or aluminum, with galvanization or powder coating for corrosion resistance.

Load Capacity: Bracket selection depends on the weight of the cable tray and cables, as well as environmental factors such as wind or vibration. **Compatibility:** Brackets must match the type of cable tray (ladder, solid-bottom, ventilated, or mesh) and may include accessories like clamps, couplers, or covers to secure cables.

Installation Flexibility: Some brackets allow for adjustable height or angle to accommodate changes in routing or to navigate obstacles. By selecting the appropriate bracket type, installers can ensure safe, efficient, and durable cable tray support while maintaining compliance with industrial standards and optimizing space usage.

Article Content

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Product Catalogue Cable Management Solutions

Delivering engineered solutions in cable management ABB manufacturers a comprehensive range of cable tray systems and solutions including cable ladder, perforated tray, channel tray and metal

Cable Tray

Cable trays with a rail height of 60 mm, in widths of 100 to 300 mm (RS 60.100 OV - RS 60.300 OV) are used for ceiling and wall mounting. The cable trays are fastened to the cantilever brackets with 2

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Cable Tray Specifications and Sizes | PDF | Sheet Metal

The data sheet provides specifications for standard cable trays and accessories. Standard cable trays are 2.5 meters in length with a maximum thickness deviation of 0.01mm and dimensional deviation of

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