

Price of cable trays and supports at construction sites

Article Overview

Cable tray supports, such as trapeze brackets and mounting hardware, typically account for 20-30% of the total cable tray system cost, with individual supports ranging from \$10 to \$50 or more depending on type and material.

Typical Support Costs

Cable tray supports are essential for securely suspending trays and ladders. Prices vary based on design, material, and size:

- o Trapeze brackets: Prefabricated supports like the 600mm double tier trapeze bracket are designed for trays up to 600mm wide and can cost around \$50 per unit, including pre-assembly for faster installation .
- o Standard brackets and hangers: For smaller or simpler installations, supports may cost \$10-\$30 per piece, depending on material (steel, galvanized, or aluminum) and load capacity .
- o Bulk or trade pricing: Large construction projects often receive discounts for bulk orders, which can reduce per-unit costs significantly .

Factors Affecting Support Pricing

- o Material: Steel supports are generally more affordable, while stainless steel or aluminum supports are more expensive due to corrosion resistance and durability .
- o Installation complexity: Supports for high-level or outdoor installations may require longer rods, additional fasteners, or specialized coatings, increasing costs .
- o Accessories: Nuts, washers, threaded rods, and other fasteners are often sold separately and can add 20-30% to the total support cost .
- o Project scale: Larger projects may require custom lengths, bends, or multi-tier supports, which can increase both material and labor costs .

Budgeting Tip

When planning a construction project, consider that supports typically represent a significant portion of the cable tray system budget. For example, if a hot-dip galvanized ladder tray costs \$25 per meter, the associated supports and brackets may add an additional \$5-\$10 per meter, depending on installation requirements . Including labor and accessories in your estimate ensures accurate budgeting and avoids unexpected expenses.

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Cable Trays are rigid structural system, comprising of unit or assembly of units/sections and associated fitting for

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