

Price per unit of 500x600 cable tray

Article Overview

The price of a 500x600 cable tray typically ranges from \$50 to \$150 per unit, depending on material, type, and supplier.

Price Overview

The cost of a cable tray depends on several factors including material, size, type, and surface finish. For a 500x600 mm tray, which is a relatively large size, the following price ranges are typical:

- o Galvanized Steel Ladder Tray: \$50-\$100 per unit for standard lengths (2.4 meters) due to its durability and moderate cost .
- o Aluminum Tray: \$70-\$120 per unit, offering corrosion resistance and lighter weight, suitable for outdoor or humid environments .
- o Stainless Steel Tray: \$100-\$150 per unit, ideal for high-demand or corrosive environments, providing maximum longevity .
- o FRP/Plastic Trays: \$60-\$130 per unit, used in aggressive chemical or wet environments, though less common for heavy-duty applications .

Cost Factors

- o Tray Type: Ladder trays are generally more expensive than perforated or wire mesh trays because they support heavier cables and allow better ventilation .
- o Coating: Hot-dip galvanized (HDG) trays cost more than pre-galvanized or powder-coated trays but offer superior corrosion resistance .
- o Supplier and Bulk Orders: Prices can vary by supplier and may decrease significantly for bulk purchases. For example, some suppliers in India offer cable trays starting at INR95 per meter, which translates to roughly \$50-\$60 per 2.4-meter unit .

Practical Considerations

When budgeting, also consider installation costs, supports, connectors, and shipping, as these can add 20-40% to the total project cost . For large projects, contacting multiple suppliers for quotes is recommended to get the most accurate and competitive pricing. In summary, a 500x600 cable tray can be expected to cost \$50-\$150 per unit, with the exact price influenced by material, type, coating, and supplier location.

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Price per unit of 500x600 cable tray

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Tray cables are used in control and power applications in chemical plants, steel mills, industrial plants, utility substations and

Cable Trays provide strong, organised support for electrical and data cabling, enabling safe cable routing and efficient distribution

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

The cost of steel cable trays generally falls between \$5 and \$25 per meter, depending on several factors such as the

Discover the key factors affecting cable tray price per meter, including materials, demand,

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