How much does a mesh cable tray cost at a factory



Overview

Cable tray pricing depends on materials, coatings, size, supplier margins, and order quantity —plus hidden costs like shipping and installation.

Key Takeaways

Wire mesh cable trays typically range from $2 to $25 per meter depending on material, size, and finish, with bulk orders and custom specifications affecting final pricing. Price Ranges by Material and TypeWire Mesh (Basket) Trays: Lightweight and ventilated, ideal for data centers and office cabling, generally the most affordable option, often starting around $2–$5 per meter for standard steel trays. Galvanized Steel Trays: Common for industrial use, balancing durability and cost, typically $5–$15 per meter depending on thickness and width.

Stainless Steel (SS202, SS304, SS316): Corrosion-resistant and suitable for harsh environments, priced higher at $15–$25 per meter. Aluminum Trays: Lightweight and rust-proof, often more expensive than steel, with prices influenced by tray width and support requirements. Plastic or Fiber Trays: Budget-friendly, non-conductive, and suitable for sensitive IT installations, sometimes as low as $1 per meter for optic fiber trays.

Factors Affecting Pricing

Tray Dimensions: Widths from 50mm to 600mm, heights 50mm–100mm, and lengths 1m–2. 5m influence material usage and cost. Surface Finish: Pre-galvanized is cheaper, hot-dip galvanized (HDG) offers extended corrosion resistance, and powder coating adds durability and color options.

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Order Quantity: Bulk orders can reduce per-meter cost by 20–50%, especially when sourcing from manufacturers in Asia. Customization: Special bends, tees, risers, or custom drawings may increase cost but improve installation efficiency. Installation and Labor: Open wire mesh trays reduce installation time compared to conduit, saving 40–60% of total project labor costs.

Supplier Options

Alibaba Suppliers: Offer CE-certified steel trays with free samples and 10-year guarantees, suitable for industrial projects. Patil More Exports: Provides customizable wire mesh trays with full IEC 61537 certification, supporting bulk export orders and flexible installation. Ningbo Lepin Network Equipment: Offers plastic optic fiber trays at $1/meter for sensitive IT environments.

Cost-

Saving Tips

Opt for wire mesh trays over ladder or solid-bottom trays for lightweight cabling to reduce material and labor costs. Consider bulk purchasing and sourcing from regions with lower manufacturing costs to save 30–50%. Use pre-engineered modular systems to minimize on-site labor and installation time.

By evaluating material, finish, size, and supplier options, buyers can select mesh cable trays that balance cost, durability, and installation efficiency for industrial, commercial, or data center projects.

Article Content

Cable Tray Price Per Meter: Market Analysis & Cost Factors

Cable tray pricing depends on materials, coatings, size, supplier margins, and order quantity —plus hidden costs like shipping and installation. This guide breaks down everything buyers

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Cable Tray

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WBT Performance Cable Tray, Shaped 4"X8"X118", Pregalvanized. Provides optimal support for high-performance data cable, up to and including fiber optic, Cat 5e, Cat 6, Cat 6A, and Cat 7.

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How much does a cable tray cost at a factory

The average cable tray price per meter ranges from $2 to $25, depending on material, type, size, and surface finish. □□ For bulk orders or project pricing, the cost can be significantly lower.

Cable Tray Cost Comparison

Compare cable tray costs by type, material, and installation. Find the most cost-effective option for your project in this detailed buyer''s guide.

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The FOA Reference For Fiber Optics

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Preparing For Outside Plant Installations Outside plant (OSP) installations of fiber optic cables can be much more diverse than premises installations. OSP installs may include installing aerial cable,

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Wire Mesh Cable Tray

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