How much does a mesh cable tray cost in the US



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 in the US typically range from $2 to $25 per meter, depending on material, size, and finish.

Price Range and Cost Factors

The cost of wire mesh or basket-style cable trays varies widely based on material, coating, size, and supplier. On average, prices range from $2 to $25 per meter. Lower-cost options are usually lightweight wire mesh trays suitable for data or communication cables, while higher-end trays made from stainless steel or aluminum offer corrosion resistance and durability for industrial or outdoor applications.

Bulk orders or project-specific pricing can reduce costs significantly. Key factors affecting price include: Material: Galvanized steel is common and cost-effective; stainless steel and aluminum are more expensive but offer better corrosion resistance. Coating: Hot-dipped galvanized (HDG) or powder-coated trays increase durability and cost, while pre-galvanized trays are cheaper but less resistant to corrosion.



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Tray Type: Wire mesh trays are generally cheaper than ladder trays and are ideal for lightweight cabling. Labor and Installation: Skilled labor, equipment depreciation, and energy consumption for cutting or welding can add to total project costs. Shipping: Heavier trays increase transportation costs.

US Suppliers and Options

Several US-based manufacturers and distributors provide wire mesh cable trays: Grainger: Offers wire mesh trays for data and communication cables, with flexible configurations like curves, slopes, and tees. Real-time availability ensures products are reserved upon order completion. Legrand: Provides pre-galvanized indoor wire mesh trays with accessories like dropouts and bend kits, suitable for adaptable and cost-effective installations.

M

P Husky: Manufactures a wide range of cable tray systems, including wire mesh, aluminum, and fiberglass, meeting NEMA, UL, and CSA standards.

Atkore U

S Tray: Produces made-to-order wire basket trays with welded mesh, Quick Latch™ self-splicing bars, and compliance with NEMA and UL standards. They emphasize airflow, dust protection, and US manufacturing.

Practical Considerations

Indoor vs Outdoor Use: Pre-galvanized trays are suitable for indoor use, while HDG or stainless steel is recommended for outdoor or corrosive environments. Cable Type and Weight: Wire mesh trays are ideal for lightweight cabling like data or communication lines, while ladder trays are better for heavy power cables. Customization: Many US suppliers offer made-to-order trays to fit specific project requirements, including width, length, bends, and accessories.

In summary, expect to pay $2–$25 per meter for US wire mesh cable trays, with the final cost influenced by material, coating, size, and installation requirements. For large projects, contacting suppliers like Grainger, Legrand, MP Husky, or Atkore for bulk pricing and custom solutions is recommended.

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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 Installation Cost per Meter – Price Estimator

The cost of steel cable trays generally falls between $5 and $25 per meter, depending on several factors such as the tray''s gauge, finish, and the specific features of the tray.

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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This study investigates how to define the longest cable tray support span considering constructability in order to reduce the number of supports which is a chief cost of a cable tray system.

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Wire Mesh Cable Trays

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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