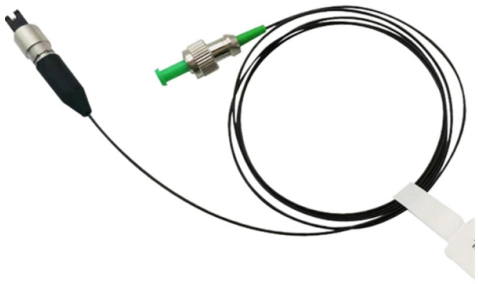
Price of Laying Trapezoidal Cable Trays in Computer Room



Overview

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.

Key Takeaways

Trapezoidal cable trays for computer rooms typically range from $20 to $150 per meter, depending on material, size, and surface treatment.

Price Overview

The cost of trapezoidal cable trays varies based on material, width, thickness, and surface finish: Steel (hot-dip galvanized or powder-coated): $40–$150 per meter for high-strength trays suitable for heavy cable loads. Aluminum alloy trays: $50–$120 per meter, offering lightweight and corrosion-resistant options.

PV

C or halogen-free plastic trays: $20–$60 per meter, ideal for indoor computer rooms with lighter cable loads. Factory prices from Chinese manufacturers, such as Holdee Electric, indicate that standard 3–6 meter straight trapezoidal ladder-type trays can be produced at competitive rates, with customization available for thickness (0. 6–2.

5 mm) and surface treatment (hot-dip galvanizing, electro-galvanizing, powder coating),.

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Factors Affecting Price

Material: Steel is stronger but heavier; aluminum is lighter and corrosion-resistant; plastic is cheaper but less load-bearing. Tray Width and Side Rail Height: Wider trays or higher side rails increase material usage and cost. Surface Treatment: Hot-dip galvanizing or anodizing adds to durability and price, while powder coating or pre-galvanized finishes are moderately priced.

Accessories: Bends, joints, brackets, and installation hardware can add 10–20% to the total cost. Quantity and Supplier: Bulk orders reduce per-meter cost; sourcing from local suppliers may include shipping and import duties.

Practical Considerations for Computer Rooms

Load Capacity: Ensure trays can support the weight of network and power cables without sagging. Ventilation: Open trapezoidal designs improve airflow and reduce heat buildup. Compliance: Choose trays meeting DIN EN 61537, IEC, or NEC standards for safety and fire resistance.

Customization: Many suppliers offer custom lengths, widths, and finishes to fit specific room layouts. In summary, for a typical computer room, expect to pay $20–$150 per meter, with steel or aluminum trays at the higher end for durability and load-bearing capacity, and plastic or PVC trays at the lower end for light-duty installations. Factories like Holdee and Shandong Xuanlin provide both standard and customized options with international certifications.

Article Content

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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.

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Cable tray

In the electrical wiring of buildings, a cable tray system is used to support insulated electrical cables used for power distribution, control, and communication. Cable trays are used as an alternative to

Galvanized Large Span Trapezoidal Cable Trays Support

Galvanized Large Span Trapezoidal Cable Trays Support, Find Details and Price about Cable Tray Perforated Cable Tray from Galvanized Large Span Trapezoidal Cable Trays Support - Langfang

Cable Ladder Trays

Cable ladder trays have side rails with rungs to route and support cable. The rungs allow cable to enter and exit anywhere along the span, and they facilitate future changes. These trays also provide free

The Complete Guide to Cable Trays | Snake Tray

Learn about the benefits and applications of cable trays, and the specific advantages of using Snake Tray products.

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

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