

Price of Laying Trapezoidal Cable Trays in Computer Room



Overview

Price List Cable Tray 2024 - Free download as PDF File (.pdf), Text File (.txt) or view presentation slides online.

Key Takeaways

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

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 .



- PVC 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), .

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

Hardcore Engineering Knowledge: Cable Tray Installation Costs

This guide explains how cable tray installation costs are structured, what factors increase labor costs, and how EPC

Cable Tray Price List 2024 PDF

Price List Cable Tray 2024 - Free download as PDF File (.pdf), Text File (.txt) or view presentation slides online.

Cable Tray Estimator

We offer complete kits to provide you with cable tray ready to install under new or existing raised floors based on the unique

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

Cable Tray Price List

The cable tray price list are for hot dip galvanized ladder type cable tray. The price is based on standard length of the

Cable Tray Price List 2025: Current Market Rates

Find the latest cable tray price list for 2025. Compare B2B and B2C pricing, materials, and supplier options. Click to

Factory Price Straight 3/6 M Trapezoidal Bridge/Ladder Type Cable

Factory Price Straight 3/6 M Trapezoidal Bridge/Ladder Type Cable Tray for Cable Trunking, Find Details and Price about Electric

Server Room Cable Tray Guide: Best Types, Sizing & Layout Tips

In this guide, we will walk through how to select, design, and install cable trays specifically for server room

Complete cable tray manual for electrical engineers and designers

The final drawings for a cable tray wiring system may be completed and sent out for bid or construction more quickly

Basor Electric

Fiber-friendly cable trays and accessories The share of fiber optic cables in all fields of information technology and

Cable tray

In the electrical wiring of buildings, a cable tray system is used to support insulated electrical cables used for power distribution,

Cable Tray | Wire Mesh, Ladder Tray and More Wire Management

Cable trays and baskets are designed to help support and route cable bundles in an organized manner along ceilings or walls. Shop

Cable Tray Installation

4. What materials are commonly used for cable trays? Depending on the application and environment, fiberglass,

Buy Cable Trays, Racks & Management Systems Online | RS HK

Browse our range of quality electrical cable trays, racks and tray systems online. Find dimensions and sizes that work for your

Difference Between Cable Tray and Cable Trench | Hutaib Electrical

Read about the differences between cable trays and cable trenches, their applications, benefits, and how Hutaib

Cable Tray Cable Ladders: A Comprehensive Guide to Installation and ...

Proper installation and maintenance of cable tray and cable ladder systems are vital to maximize their benefits and

Understanding the Cost to Install Network Cabling: A 2025 Guide

Learn the cost to install network cabling in 2025. Explore factors like cable type, labor, drops, and hardware for

Cable Trays Raceways for Electrical Cables

Cable trays offer several advantages over other cable management methods, such as conduit and electrical tape. Cable trays are

Contact Us

Continue your research online:

Website: <https://thegalleryselfcatering.co.za>

Technical inquiry: <https://thegalleryselfcatering.co.za/contact.html>

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

