

How much does an aluminum alloy tray-type cable tray cost



AI Overview

Aluminum alloy tray-type cable trays typically cost between \$0.85 to \$12.90 per meter or piece, depending on supplier, size, and customization options.

Pricing Overview

The cost of aluminum alloy cable trays varies widely based on material quality, tray type, size, and supplier. For standard industrial applications:

- Low-cost options:** \$0.85–\$0.89 per meter from suppliers like Jiangsu Shanling, suitable for budget-sensitive projects with minimum order quantities (MOQs) around 5 meters.
- Mid-range options:** \$2.50 per piece at volume from manufacturers like Wuxi Dongyide, offering balanced value for industrial installations.
- Premium options:** \$9.90–\$12.90 per piece from suppliers like Shanghai Hdmann, ideal for critical infrastructure projects requiring high durability and compliance with IEC 61537 and NEMA VE-1 standards.

Bulk orders or factory-direct purchases can significantly reduce costs, while OEM or customized trays may increase the price due to tailored dimensions or coatings.

Factors Affecting Cost

- Material and Coating:** Aluminum is lightweight and corrosion-resistant, but pricier than steel. Additional coatings like Zinc-Aluminum-Magnesium (ZAM) enhance corrosion resistance, especially in harsh environments.
- Tray Type:** Solid-bottom, ventilated, or perforated trays differ in price. Ladder-type trays are more expensive due to higher load capacity, while perforated or wire mesh trays are cheaper and suitable for lighter cabling.
- Size and Load Capacity:** Wider or deeper trays require more material, increasing cost per meter. Larger trays may have a lower cost per cable but higher upfront material cost.
- Supplier and Location:** Costs vary by manufacturer, region, and shipping. Chinese manufacturers dominate global production, often offering competitive pricing for bulk orders.
- Customization:** Project-specific dimensions, accessories, or compliance requirements can increase costs.

Article Content

How to Get Quick and Accurate Cable Tray Pricing

Getting cable tray pricing can feel tricky, right? Are you worried about overpaying or getting a quote that doesn't quite fit your project? Whether you're

Aluminum Cable Tray | EAE USA

The aluminum cable tray is a lightweight, durable, and cost-effective solution used for organizing and safely carrying electrical and data cables. With easy installation and strong corrosion resistance, it is

How to Get Quick and Accurate Cable Tray Pricing

Learn how to get quick and accurate cable tray pricing for your projects. This guide covers new builds, renovations, and custom systems.

Type of Cable Tray

Cable Tray Materials: Most cable tray systems are fabricated from a corrosion-resistant metal (low-carbon steel, stainless steel or an aluminium alloy) or from a metal with a corrosion-resistant finish

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.

Aluminum Cable Tray

Aluminum Cable Tray systems are lighter than steel cable tray and Certified CSA Cable Tray, UL listed, NEMA and certified. Because of their lighter weight aluminum cable trays are easier to install than

Cable Tray Price Per Meter: Market Analysis & Cost

The average cable tray price per meter ranges from \$2 to \$25, depending on material, type, size, and surface finish. Galvanized steel cable

Aluminum Trough Cable Trays: Durable Solutions for Industrial Wiring

Discover aluminum trough cable trays for industrial applications. Compare prices from global suppliers and customize sizes. Click to explore options!

Aluminum Cable Tray

Aluminum Cable Tray for High Corrosive Environments Aluminum cable tray is a type of commonly used cable tray, it is widely accepted by the customers. The

How Much Do Cable Trays Cost? A 2026 Comparison

Discover the 2026 cost breakdown for cable trays compared to conduit and wire mesh. Compare material prices, labor savings, and

Aluminum Alloy Cable Tray is Lightweight to Install

Aluminum alloy cable trays have good strength, beautiful appearance, large carrying capacity. Also, they are designed into several patterns such as channel design,

Cable Tray Installation Cost per Meter - Price Estimator

Due to the material's superior resistance to rust and its lightweight properties, Aluminium Cable Tray tend to be more expensive than steel, typically

Aluminium Cable Trays | EAE Electric

The aluminium cable tray weighs approximately half as much as its steel equivalent. Aluminum cable trays do not rust and are highly durable, even in saltwater

Hot-Dip Galvanized vs. Aluminum | Cable Tray Institute

Increasingly, however, aluminum is becoming the material of choice for cable tray systems. In these days of shrinking construction budgets, why would engineers, contractors, and end users choose

Aluminum Cable Tray Manufacturers, Suppliers,

Find Aluminum Cable Tray manufacturers, suppliers, dealers & latest prices from top companies in India. Buy from a wide range of Aluminum Cable

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Contribute to annontopicmodel/unsupervised_topic_modeling development by creating an account on GitHub.

Straight Aluminum Cable Tray

These products are used to support rooftop cable runs. The premier manufacturer and distributor of wireless site components.

Best Aluminum Cable Tray Pricing: A Practical Guide for 2026

Overall, aluminum cable tray pricing hinges on the balance between material type, system complexity, and project scale. The five products highlighted here illustrate typical options,

Cable Tray Price Per Meter: Market Analysis & Cost

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

Discover the Best Cable Tray Price: Top 5 Budget-Friendly Options

When it comes to organizing and managing electrical cables, choosing the right cable tray not only ensures efficiency but also provides a budget-friendly solution without compromising on quality.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.sabineamsee.co.za>

Email: info@sabineamsee.co.za

Phone: +27 82 415 6793

Address: Unit 7, Innovation Park, 34 Electron Road, Kempton Park, 1620, South Africa

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