

Price of Double-Layer Mesh Cable Tray Aluminum Alloy



Overview

Aluminum Cable Tray systems are lighter than steel cable tray and Certified CSA Cable Tray, UL listed, NEMA and certified.

Key Takeaways

The price of double-layer aluminum alloy mesh cable trays varies widely, typically ranging from \$25 to \$80 per meter depending on size, load capacity, and supplier. Factors Affecting Price

Material and Construction: Aluminum alloy trays are lightweight, corrosion-resistant, and durable, which generally makes them more expensive than standard steel trays but cheaper than specialized fiberglass options. Double-layer mesh designs add structural complexity, increasing cost.

Dimensions and Load Capacity: Wider trays or those designed to carry heavier cable loads cost more. Standard widths range from 100 mm to 600 mm, and load ratings can vary from 50 kg/m to over 200 kg/m.

Surface Treatment and Coatings: Powder-coated or anodized finishes improve corrosion resistance and longevity, which can increase the price by 10–30% compared to untreated trays.

Supplier and Region: Prices fluctuate based on supplier, shipping costs, and regional aluminum market trends. Suppliers in Asia may offer lower prices, while certified UL or CSA trays in North America or Europe may cost more.

Market Trends: The global aluminum wire mesh cable tray market is growing due to demand in data centers, renewable energy, and smart buildings. Innovations like thinner profiles and modular designs can slightly reduce material costs but may increase manufacturing costs.

Typical Price Range

- Small, lightweight trays (100–200 mm width): \$25–\$40 per meter
 - Medium trays (200–400 mm width, moderate load): \$40–\$60 per meter
 - Large, heavy-duty trays (400–600 mm width, high load): \$60–\$80 per meter
- For precise pricing, it is recommended to request a quote from suppliers such as Alibaba, MP Husky, EAE Electric, or Accio, specifying tray dimensions, load requirements, and any coatings or certifications needed .

Additional Considerations

- Installation Costs: Aluminum trays are easier to install than steel due to their lighter weight, potentially reducing labor costs .
- Customization: Bends, tees, and risers for complex routing may increase the total cost.
- Sustainability: Aluminum is recyclable, which may be a factor for eco-conscious projects . By considering these factors, you can estimate the total cost for your project and select the most suitable double-layer aluminum mesh cable tray for your application.

Article Content

"Aluminum Alloy Cable Tray"

Design engineers or buyers might want to check out various Aluminum Alloy Cable Tray factory & manufacturers, who offer lots of

Aluminum Cable Tray

Aluminum Cable Tray systems are lighter than steel cable tray and Certified CSA Cable Tray, UL listed, NEMA and certified.

Cable Trays | McMaster-Carr

Choose from our selection of cable trays, including over 850 products in a wide range of styles and sizes. Same and Next Day Delivery.

Aluminum Cable Tray for sale | eBay

Get the best deals for Aluminum Cable Tray at eBay . We have a great online selection at the lowest prices with Fast & Free

Reliable Solutions for Efficient aluminum alloy cable tray mesh ...

The cost of aluminum alloy cable tray mesh is influenced by several factors, including the material used, the type and size of the

Aluminum Cable Tray

At Apexray, our cable trays are primarily manufactured from 6063-T6 aluminum alloy. Known as "Architectural Aluminum," this

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 Trays, Cable Management Trays | RS

What are the types of cable trays? Ladder Cable Tray: Ladder cable trays have a ladder-like design with horizontal side rails

China Aluminum Cable Tray, Aluminum Cable Tray Wholesale,

Discover the perfect addition to your Cable Tray with our Aluminum Cable Tray. To secure top cable tray factory deals, provide details

Cable tray | MetalEgypt

A cable tray is a robust structure used to ensure the safety and organization of your electrical systems with durable cable trays.

Aluminum Alloy Cable Tray is Lightweight to Install

Aluminum alloy cable trays are made of aluminum. They are lighter and resist corrosion widely used in power plant, petroleum

Aluminum Cable Trays

Explore a wide range of our Aluminum Cable Trays selection. Find top brands, exclusive offers, and unbeatable prices on eBay.

Cable Trays | Metal, PVC & Wire Mesh Cable Trays | RS

Shop cable trays for efficient cable management. Buy ladder, perforated, and wire mesh cable trays from a trusted cable tray supplier

"Aluminum Alloy Cable Tray"

Discover the perfect Cable Tray addition with our Aluminum Alloy Cable Tray. Cable tray options include ladder, perforated, and wire

Aluminum Ladder Cable Tray | MonoSystems

Aluminum Ladder Style Cable Tray PowerTray is a versatile Aluminum Ladder Tray system available in a broad range of NEMA and

Wire Mesh Cable Trays

These cable trays are lined with wire mesh to route and support small diameter cable, such as data communication cable. The mesh

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

4. Wire Mesh Cable Tray Wire mesh cable trays are another budget-friendly alternative, costing about \$2 to \$6 per foot. This option

Cable Trays | Crescent Electric Supply Company

CF54/100EZ Wire Mesh Cable Tray, 8.06 in D Loading, 120 in L x 2.362 in W, Steel
CF54/150EZ Wire Mesh Cable Tray, 12.09 in D

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

