

Price of Alloy Plastic Channel Cable Trays



AI Overview

Alloy plastic channel cable trays typically cost between \$2 and \$25 per meter, depending on material quality, size, and installation requirements.

Price Range and Factors

The cost of alloy plastic channel cable trays varies widely based on material composition, tray dimensions, load capacity, and surface finish. Plastic trays are generally budget-friendly compared to metal trays, but alloy plastics designed for higher strength and chemical resistance may be priced higher than standard plastic trays, often approaching the lower-to-mid range of metal tray costs (\$5–\$15 per meter) depending on specifications.

Key factors affecting cost include:

- Material type:** Alloy plastics are stronger and more durable than standard plastics, suitable for moderate loads and corrosive environments.
- Tray size and thickness:** Wider or thicker trays that support heavier cables cost more due to increased material usage.
- Surface treatment:** Some alloy plastics may include UV stabilization or chemical-resistant coatings, which can increase price.
- Order quantity:** Bulk purchases can reduce per-meter costs by 20–40%.
- Installation and labor:** Costs vary by location, accessibility, and mounting height.

Comparison with Other Materials

- Steel trays:** Stronger, suitable for heavy loads, \$5–\$25 per meter, may require galvanization or powder coating.
- Aluminum trays:** Lightweight, corrosion-resistant, \$10–\$25 per meter, easier to install in hard-to-reach areas.
- FRP/fiberglass trays:** Resistant to chemicals and moisture, lightweight, \$15–\$25 per meter, ideal for chemical plants.
- Plastic trays:** Cheapest, lightweight, non-conductive, \$2–\$10 per meter, suitable for light-duty applications.

Practical Considerations

Alloy plastic trays are non-conductive, corrosion-resistant, and lightweight, making them ideal for environments where metal trays may corrode or pose electrical hazards. They are also easier to handle and install, reducing labor costs. However, they may not support extremely heavy cables like steel trays, so load requirements must be carefully evaluated.

In summary, expect...

Article Content

Installation cable trays | channels for electrical cables | wires | plastic

Easy Maintenance: Easily cleaned and maintained, ensuring long-term operation.

Cost-effectiveness: The price of plastic trays is often affordable, and their durability ensures an excellent price-to-quality

Channel Cable Tray Price List

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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,

Amazon : Plastic Cable Tray

Discover plastic cable trays and management solutions for a cleaner workspace. Find options for under desk, wall-mounted, and server rack setups.

PVC Plastic Polymer Alloy Trough Type Cable Tray

Polymer whisker cable tray is suitable for laying power cable, control cable, computer cable, lighting wiring, indoor and outdoor overhead, cable trench, cable

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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

Discover the key factors affecting cable tray price per meter, including materials, demand, and competition. Get cost insights and future

Channel Cable Tray Price

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Cable Tray Systems — Ladder, Ventilated, Aluminum

As a less-expensive alternative to conduit, a stronger alternative than wire basket, and superior to generic tray, Snap Track saves on labor and reduces total

Cable tray

ABB designs and manufactures cable tray systems, including perforated tray, cable ladder, channel tray and strut (metal framing).

Channel Type Cable Tray Manufacturers, Suppliers,

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POWER PVC Cable Tray Manager Duct/Wiring

PVC Cable Manager is Ideal for Networking and Server Rack for the better and effective management of cables. Its uppercase PVC and side slot PVC are

5 Best Cable Management Tray | 33-Inch Tray That Hides It All

After sorting through dozens of options based on build materials, installation methods, and verified customer feedback, this guide cuts through the clutter to deliver the most reliable best cable

PVC cable trays for electrical installations | Canalplast

The PVC plastic cable trays produced by Canalplast have the advantage of being extremely versatile, since they can be installed on the wall, floor or hanging.

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PVC Plastic Polymer Alloy Trough Type Cable Tray

It is a product of upgrading the conventional cable tray, and can completely realize "replacing steel with plastic". Polymer whisker cable tray is suitable for laying

Contact Us

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