How much does a fire-resistant and flame-retardant cable tray cost



Overview

This article explores the real relationship between price and performance and explains what decision-makers should focus on when selecting a fire-resistant cable tray system.

Key Takeaways

Fireproof and flame-retardant cable trays are available from $1. 20 to $10 per meter, depending on material, type, and order quantity. Price Ranges by Material and TypeSteel and Galvanized Steel Trays: $1.

55–$5. 30 per meter for perforated, ladder, or trough types, suitable for industrial and commercial applications with fire ratings up to 2 hours. Aluminum Alloy Trays: $2.

50–$7 per meter, lightweight, corrosion-resistant, and powder-coated for indoor/outdoor use. Stainless Steel Trays (304/316): $4–$10 per meter, offering superior corrosion resistance, high load capacity, and excellent fire performance.

Fiberglass-

Reinforced Polymer (FRP) Trays: $2. 86–$5. 43 per meter, naturally fire-retardant, lightweight, and ideal for chemical plants, offshore, or corrosive environments.



© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Bulk Order Discounts

Orders of 50–499 meters typically reduce the unit price by 2–5% (e.g., $3. 13–$3. 20 per meter for aluminum or steel trays),.

Large orders of 500+ meters can further reduce costs to around $3. 00 per meter or lower, depending on supplier and customization.

Fire Ratings and Certifications

Most trays meet 2-hour fire ratings (WS5X classification) and comply with ISO 834-1, EN 1363-1, DIN 4102-12, AS/NZS 3013: 2005, and UL/IEC standards.

FR

P and coated steel trays are low smoke, halogen-free, and suitable for data centers, hospitals, and high-rise buildings.

Supplier Examples

Shandong Hongfeng Import & Export Co., Ltd.: Offers perforated, ladder, and wire mesh trays from $3. 00–$4. 00 per meter with customization options and fast delivery.

New

Reach: Provides fire-rated trays in stainless steel, galvanized steel, and fiberglass with powder coatings, supporting 3-meter lengths and 10kg/m load ratings. Alibaba and Accio.com: Multiple suppliers offering trays from $1. 20–$7.

90 per meter, depending on material, fire rating, and minimum order quantity.

Delivery and Lead Time

Standard delivery ranges from 7–15 days for small to medium orders, with expedited shipping available for urgent projects. Shipping costs vary by location; for example, UPS shipping from China to the U. S. ranges from $51–$58 for small orders.

Recommendations

For industrial or high-load applications, stainless steel or galvanized steel trays are recommended for durability and fire resistance. For corrosive or outdoor environments, FRP or powder-coated aluminum trays provide long-term protection. Always verify fire rating, certifications, and supplier reliability before placing bulk orders to ensure compliance with local fire safety codes.

This pricing overview provides a comprehensive guide to selecting fireproof and flame-retardant cable trays, balancing cost, material, and fire safety requirements.

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Article Content

Fire-resistant Cable Tray Price vs Performance: What Really Matters

This article explores the real relationship between price and performance and explains what decision-makers should focus on when selecting a fire-resistant cable tray system.

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 tray''s gauge, finish, and the specific features of the tray.

GRP Cable Tray & Cable Ladders | EAE Electric

GRP cable trays are highly resistant to acids, bases, and many other chemical substances. This makes them ideal for use in chemical plants and heavy industrial areas where chemical resistance is essential.

Fire Rated Cable Tray, Heavy-Duty Cable Tray Manufacturer

Maximize efficiency and reduce costs with Fire Rated Cable Trays of NewReach, it features 3-meter lengths, a 150mm laying width, and a 10kg/m load rating on a 1.65-meter span. The hanger system

Fire resistant cable tray | Hermi-solutions

Cable trays are intended for the construction of fire-resistant cable paths. Do you need help with your purchase? The HERMI team will be happy to advise you and help you find the most suitable solution

Fire Resistant Cables | Fire Performance Cables | Eland Cables

We supply a full range of fire resistant and fire performance cables, often also referred to as fire survival cables, fire-proof cables, or simply fire cables. These cables are for markets where British and

Fire-resistant cable tray

Find out all of the information about the NIEDAX product: fire-resistant cable tray . Contact a supplier or the parent company directly to get a quote or to find out a price or your closest point of sale.

Flame Retardant vs Fire Resistant Cables: A Complete Buyer''s Guide

Due to their more advanced manufacturing frameworks and higher material requirements, fire-resistant cables tend to be significantly more expensive than flame-retardant cables.

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Advanced Fire Resistant Cable Tray | Maximum Heat Protection

Top-quality fire resistant cable tray with N1 fire rating, 5-12 mm fireproof core, superior heat insulation, flame protection, and 60-min fire resistance.

FRP/GRP Cable Tray

These cable trays meet stringent fire retardant requirements, providing a safe and durable solution for cable management. Available in two types, ladder cable tray and perforated cable tray, our cable

Fire Rated Cable Tray, Heavy-Duty Cable Tray Manufacturer

Fire Rated Cable Trays that are crafted from premium materials like stainless steel, galvanized steel, tempered glass, and fire-resistant polyester fiberglass. Each tray is coated with a specialized fire

What is a Flame Retardant cable and Fire Resistant cable

When to use Flame Retardant and when Fire Resistant cables, what the differences are and how to do the right choice for any application.

Fire resistant cable tray | Hermi-solutions

Cable trays are intended for the construction of fire-resistant cable paths with surface cable laying. Cable paths are constructed as standard or lightweight

Fire-Resistant Cable Trays in High-Risk Environments

These fire-resistant cable trays, although less expensive, do not provide adequate protection against fire. In high-risk areas, the use of non-flame

Flame retardant vs fire resistant cables – what''s the difference?

Flame retardant materials can be found in both fire resistant and flame retardant cables. Flame propagation Flame propagation – increasingly referred to as flame spread – looks at how the cable

FIRE RESISTANT PROOF CABLE TRAY, DIN STANDARD E90 ...

Cablofil fire resistant and fire proof cable trays are increasingly specified in the construction, power, oil, gas, petrochem, rail and utilities industries. Cablofil cable tray has been successfully tested and

NEC Article 392 Requirements for Cable Tray Systems

NEC Article 392 sets the rules for cable tray systems, from permitted wiring methods and installation requirements to cable fill and ampacity adjustments.

7 Best Cable Management Solutions for Office Desks

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Tame your office desk chaos with the best cable management solutions—under-desk trays, retractable racks, and clamp-on nets that hide wires, boost safety, and free up space.

Contact Us

Continue your research online:

Website: https://cgweb.co.za
Technical inquiry: https://cgweb.co.za/project-enquiry.html

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

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved