

Price range of flame-retardant cable trays



AI Overview

Flame-retardant cable trays typically range from \$20 to \$150 per meter, depending on material, fire rating, and load capacity. Factors Affecting Price

Material: Cable trays are made from galvanized steel, aluminum, stainless steel, or fiberglass-reinforced plastic (FRP/GRP). FRP trays are lightweight, corrosion-resistant, and fire-retardant, often costing more than standard steel trays due to their specialized properties.

Fire Rating: Trays with higher fire resistance (e.g., 60, 90, or 120 minutes certified under UL, BS, or IEC standards) command higher prices because of additional coatings, intumescent layers, or specialized construction.

Size and Load Capacity: Wider trays or those designed to carry heavier cable loads require more material and structural reinforcement, increasing cost. Standard widths range from 100 mm to 600 mm, with load ratings varying according to NEMA or IEC standards.

Compliance and Certification: Products tested for low smoke, halogen-free (LSZH), and environmental resistance (UV, chemicals, moisture) are priced higher due to enhanced safety and durability.

Supplier and Customization: Prices vary by manufacturer, region, and whether the tray is standard or custom-made. Suppliers with proven track records and third-party validation often charge a premium for reliability and warranty support.

Typical Price Ranges

Material	Price Range (per meter)
Standard galvanized steel trays	\$20–\$50
Aluminum trays (lightweight, corrosion-resistant)	\$40–\$80
FRP/GRP flame-retardant trays	\$80–\$150 (depending on fire rating and environmental resistance)

Recommendations

- Verify fire rating certificates and compliance with local building codes.
- Consider long-term maintenance costs; FRP trays require minimal upkeep compared to metal trays.
- Contact suppliers for quotes based on project-specific dimensions, load requirements, and fire protection standards to get accurate pricing.

Article Content

Fire Protection Of Cables

Ameetuff's fire Resistant cable coating is a water-based, intumescent formulation designed to prevent flame propagation along electrical and communication

FRP Flame Retardant Tray: Durable & Customizable

Find reliable FRP flame retardant trays with UV resistance, anti-static coating, and customizable sizes. Click to explore top-rated suppliers and get competitive pricing for industrial use.

FIRE RESISTANT PROOF CABLE TRAY, DIN STANDARD E90

Cablofil cable tray is the preferred choice for the cable containment of low and high voltage electric cables where fire resistance is crucial - this includes cable basket tray systems for Prysmian FP

Trunking and cable tray protection

Our range of trunking and cable tray protection products provide effective fire protection for pipes, cables and trunking within floors, walls and ceilings.

FIRE PERFORMANCE CABLE

Fire Performance cables are crucial in an emergency situation, ensuring that under mechanical stress and high heat, these systems will continue to operate to effectively conduct an orderly evacuation of

Excellent Flame Retardant Explosion-Proof Cable Tray

It reduces the number of cable tray replacements during the life cycle of a building and lowers the total life cycle cost of the project, making it a highly cost-effective

Fire protection for cables & cable trays | Flamro

Fire protection solutions to protect cables, cable trays and cable systems. Discover our tested cable coatings and fire protection bandages!

Fire resistance cable tray

Shop high-quality fire resistance cable trays for reliable networking. Customize your solution with durable, efficient, and cost-effective options. Buy now!

Fire Rated Cable Tray, Heavy-Duty Cable Tray Manufacturer

Fire Rated Cable Trays are built to boost flame retardancy while fitting into tight ceiling spaces. Offering a sleek, clean finish for indoor or outdoor use, it provides value with a 78mm depth that ensures

High Quality Flame Retardant Cable Trays

Shop high-quality flame retardant cable trays from reliable suppliers. Find durable, customisable solutions for your wiring needs in various industries.

Trunking & Cable Trays

Intumescent pads are adhered to the inside of steel, UPVC and PVC electrical trunking where it passes through fire barrier walls or floors, enabling access at all

FRP Cable Tray, FRP Ladder Type Cable Tray Manufacturer

FRP Cable Trays of NewReach are made from high-quality glass fiber reinforced plastic, combined with flame-retardant materials and resin-impregnated fiber yarns for resilience.

Fireproof Cable Tray Flame Retardant Cable Tray

Fireproof Cable Tray Flame Retardant Cable Tray Suitable for Electrical Wiring with High Safety Requirements, Find Details and Price about Cable Wiring 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

Fiberglass cable tray

Shop high-quality fiberglass cable trays from reliable suppliers. Enjoy durable, waterproof, and customizable options for your cable management needs.

GRP Cable Tray & Cable Ladders | EAE Electric

Yes, GRP cable trays are made from flame retardant materials and can withstand exposure to fire without igniting. They do not release toxic gases when exposed

Basor Electric

Basor cable trays against fire In the absence of applicable European or international regulations, different local regulations are used, such as the German, the Czech

Fire Resistance Testing of Cable Trays: Key Standards & Methods

Fire Resistance Testing of Cable Trays ensures they don't fuel fires or emit toxic smoke. Learn key standards, testing methods,

Fire protection for cables & cable trays | Flamro

Fire protection for cables and cable trays: effective solutions to prevent cable fires
Cable systems are found in all buildings nowadays: from industrial plants via

FRP Cable Trays

FRP Cable Trays are a superior alternative to conventional steel or aluminum trays, particularly in aggressive environments such as chemical plants, coastal

Fire Resistance Coating for Wires & Cables, 25 Kg

Primus Enterprises - Offering Fire Resistance Coating for Wires & Cables, 25 Kg at ₹ 650/kg in New Delhi, Delhi. Also find Fire Protective Coatings price list | ID:

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

Advanced Fire Resistant Cable Tray | Maximum Heat

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.

What Are the Key Benefits of Fire Resistant Cable Trays?

Fire resistant cable trays are typically constructed from materials such as steel, aluminum, or specially treated plastics that have flame-retardant properties. Each material offers

What are the fireproof characteristics of cable trays?

Only the fire-proof and flame-retardant principle of cables and fire-resistant coatings are on fire. At present, fire-resistant cable racks are mainly

Fire Safety and FRP Cable Trays: Meeting Regulatory Standards

By choosing fire-resistant FRP cable trays, incorporating flame-retardant additives, and following proper installation and maintenance procedures, you can confidently use FRP cable trays

CharCoat Fire Retardant Paint for Wire & Cable

CharCoat is an FM-Approved Intumescent Latex Cable Coating that stops fire from spreading on the cable surface at the source and simultaneously increases the

Contact Us

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