

Article Overview

The price of flame-retardant and corrosion-resistant cable trays varies widely depending on material, size, fire rating, and supplier, typically ranging from \$20 to \$150 per meter for standard industrial-grade trays.

Factors Affecting Price

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Material Composition: Cable trays are commonly made from galvanized steel, stainless steel, aluminum, or PVC. Stainless steel and aluminum offer superior corrosion resistance, while PVC and coated steel provide cost-effective flame retardancy .

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Flame-Retardant Properties: Trays designed to meet fire safety standards (halogen-free, low smoke, high heat resistance) often cost more due to specialized coatings or materials that prevent flame propagation .

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Corrosion Resistance: Trays intended for outdoor or industrial environments may include powder coatings, epoxy finishes, or stainless steel construction, which increases durability and price .

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Size and Load Capacity: Wider trays or those designed to carry heavier cables require thicker metal or reinforced structures, which increases cost. Standard widths range from 100 mm to 600 mm, with larger trays costing more per meter .

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Certifications and Standards: Compliance with IS, IEC, or CPR regulations for fire safety and construction materials can affect pricing, as certified products undergo additional testing and quality control .

Typical Price Range

o PVC or coated steel trays: \$20-\$50 per meter, suitable for light-duty indoor applications.

o Galvanized steel trays with flame-retardant coating: \$50-\$100 per meter, suitable for commercial buildings and moderate industrial use.

o Stainless steel or high-grade aluminum trays: \$100-\$150+ per meter, ideal for corrosive environments, outdoor installations, or high fire-risk areas .

Additional Considerations



Price of Flame-Retardant and Corrosion-Resistant Cable Trays

- o Installation Accessories: Supports, brackets, and covers may add 10-20% to the total cost.
- o Bulk Orders: Large-scale projects often receive discounts from suppliers.
- o Regional Variations: Prices may vary by country due to material costs, import duties, and local manufacturing capabilities .

For accurate pricing, it is recommended to contact local suppliers or distributors such as RR Kabel, Prysmian, or NORDEN, providing specifications like tray width, material, fire rating, and corrosion resistance requirements .

Cable trays are intended for the construction of fire-resistant cable paths with surface cable laying. Cable

FRP Cable Trays are a superior alternative to conventional steel or aluminum trays, particularly in

Due to their more advanced manufacturing frameworks and higher material requirements,

Ferrotech GRP FRP cable trays are manufactured for a comprehensive array of cable management requirements. Created from

Corrosion Resistant Flame Retardant FRP Cable Tray in Good Selling, Find Details and Price about FRP

Combining its multiple characteristics such as corrosion resistance, flame retardant, and high strength, the polymer cable tray has a

Discover EAE's GRP Cable Tray. GRP Cable Tray and Cable Ladders ensure optimal cable protection with

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

These cables are tough with excellent resistance to moisture and corrosion. The insulated conductors are UL listed THHN or THWN.

GRP Cable Ladder and GRP Cable Tray, particularly suitable for interior and exterior areas where

By choosing fire-resistant FRP cable trays, incorporating flame-retardant additives, and following proper installation

Our range of trunking and cable trays products are ideal fire protection solutions for electrical services passing between walls, floors

Price of Flame-Retardant and Corrosion-Resistant Cable Trays

There are many considerations in choosing the correct cable tray material for use in high temperatures. With a careful analysis of

Nonmetallic cable tray systems have been tested and proven in the harsh environment of the offshore oil and gas industry. This tray

Epoxy Resin Ladder, Channel, Large Span, Perforated Cable Tray Made from epoxy resin material, epoxy resin cable trays are

Top-quality fire resistant cable tray with N1 fire rating, 5-12 mm fireproof core, superior heat insulation,

Web: <https://www.millstraining.co.za>

