

Article Overview

Fireproof cable trays are designed to protect electrical cables from fire, with ratings up to 60 minutes, using materials like steel or fire-resistant boards, and prices vary by size, load capacity, and manufacturer.

Specifications

1. Material and Construction

- o Fireproof cable trays are typically made from pre-galvanized or hot-dip galvanized steel, or incorporate fire-resistant boards as a core protective layer .
- o Fire-resistant boards are non-combustible, high-temperature resistant, and 5-12 mm thick, providing insulation and flame protection .
- o Perforated designs allow for ventilation and easy cable fastening, while arc-shaped trays accommodate curved installations and reduce cable stress .

2. Fire Resistance Ratings

- o Common fire ratings include 30, 60, and 90 minutes, tested according to standards like DIN 4102-12 .
- o N1 rating indicates 60 minutes of fire resistance, suitable for industrial and commercial applications .

3. Dimensions and Load Capacity

- o Standard tray lengths: 3 meters
- o Widths: 100 mm, 200 mm, 300 mm, 400 mm
- o Load ratings: 10 kg/m on a 1.65-meter span, with support systems compatible with 10 mm threaded rods .
- o Arc-shaped trays improve installation efficiency by over 30% compared to traditional trays .

4. Applications

- o Suitable for low and high voltage cables in construction, power, oil, gas, petrochemical, rail, and utilities .
- o Ideal for hospitals, data centers, airports, high-rise buildings, and offshore installations .

Pricing

- o Prices vary depending on material, size, fire rating, and manufacturer.
- o Pre-galvanized steel trays (60x100x3000 mm) typically start around \$50-\$70 per tray, while fire-resistant board trays with N1 rating can range from \$120-\$250 per tray depending on thickness and customization .

Fireproof Cable Tray Specifications and Price List

o Arc-shaped or custom-colored trays may incur additional costs due to prefabrication and aesthetic features .

Installation and Accessories

o Recommended accessories include cable cleats to maintain cable integrity during fire events .

o Trays can be installed along ceilings or walls, with reduced need for on-site cutting or welding, improving safety and efficiency .

Fireproof cable trays are a critical component for fire safety in electrical installations, and selecting the right tray involves balancing fire rating, load capacity, dimensions, and cost according to project requirements.

Fire Rated Cable Trays that are crafted from premium materials like stainless steel, galvanized steel, tempered glass, and fire

1. Route Planning and Layout Principles Coordinate with Building Structure: Cable tray routing should align

HFJD Cable Tray manufactures high-performance Fire Resistant Cable Trays designed for critical power distribution, fire alarm

In accordance with its continuous improvement policy, Legrand reserves the right to change the specifications and illustrations

The fireproof channel cable tray system is produced by galvanized channel cable tray after processing

Trunking and Cable Tray Protection Fire prevention is a critical aspect of safeguarding both residential and commercial buildings.

Manufacture Aluminum Alloy Cable Trunking Ventilated Perforated Fireproofing Cable Tray FOB Price: US \$1.5 / Meter Min. Order:

6. This cancels all our previous price lists. PRICE - LIST FOR CABLE TRAYS W.E.F. : 1ST APRIL 2024
LESS DISCOUNT : %

Cablofil fire resistant and fire proof cable trays are increasingly specified in the construction, power, oil, gas, petrochem, rail and

Indicative RFQ price range: USD 8-80 per meter for standard cable tray systems. Final pricing depends on tray type, width, side

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NEMA VE 1-2017 Specifies requirements for metal cable trays and associated fittings designed for use in accordance with the rules

Find the latest cable tray price list for 2025. Compare B2B and B2C pricing, materials, and supplier options. Click to

The document provides a price list for various types and sizes of galvanized and powder coated cable trays, including

Find here Perforated Cable Trays, Perforated Type Cable Tray manufacturers, suppliers & exporters in India. Get

Cable Trunking is a fully enclosed cable tray, suitable for laying computer cables, communication cables, thermocouple cables and

With over 20 years of experience T&B Cable Tray provides a complete solution in cable management systems including design,

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

