

Price of Waterproof Electrical Cable Trays



Overview

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

Key Takeaways

Waterproof electrical cable trays typically range from \$20 to \$200 per meter, depending on material, size, and environmental specifications. Price Overview

The cost of waterproof cable trays varies widely based on material, design, and load capacity. Common materials include:

- **Stainless steel:** Highly durable and corrosion-resistant, ideal for harsh outdoor or chemical environments; prices generally range from \$80 to \$200 per meter .
- **Aluminum:** Lightweight and corrosion-resistant, suitable for industrial and outdoor use; typically \$50 to \$120 per meter .
- **Fiberglass-reinforced plastic (FRP) or HDPE:** Excellent electrical insulation and moisture resistance, often used in high-humidity or outdoor installations; prices range from \$30 to \$100 per meter .
- **Galvanized steel:** Economical and moderately corrosion-resistant, suitable for less aggressive environments; usually \$20 to \$80 per meter .

Factors Affecting Price

- **Tray Type:** Solid-bottom trays provide full waterproofing and cost more than perforated or wire mesh trays, which offer ventilation but less protection .

- **Load Capacity:** Heavy-duty trays designed for large power cables or industrial applications are more expensive.
- **Environmental Protection:** UV coatings, polymer coatings, or chemical-resistant finishes increase durability and cost .
- **Length and Width:** Wider or longer trays require more material, directly affecting price.
- **Supplier and Brand:** Premium brands or specialized suppliers may charge higher prices for certified or custom solutions .

Purchasing Tips

- For outdoor or high-moisture areas, consider solid-bottom FRP trays with UV protection to maximize longevity .
- Ensure proper sealing at joints to maintain waterproof integrity.
- Compare suppliers like RS Hong Kong, Ekabel24, and Alibaba for bulk or specialized orders . By considering these factors, you can select a waterproof cable tray that balances cost, durability, and suitability for your specific installation environment.

Article Content

Cable Trays | McMaster-Carr

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WBT Performance Cable Tray, Shaped 4"X8"X118", Pregalvanized. Provides optimal support for high-performance data cable, up to

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Cable Tray

WBT Performance Cable Tray, Shaped 4"X8"X118", Pregalvanized. Provides optimal support for high-performance data cable, up to

Search Results For Cable Trays

The aluminum I-beam design of ITray is perfect for industrial installations with large diameter cables in long span situations,

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Cable Tray and Ladder Systems

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Cable Trays

Heavy duty cable trays and cable ladders are manufactured from pre-galvanized or hot-dipped galvanized sheet metal, designed to

Cable Trays | Metal, PVC & Wire Mesh Cable Trays | RS

Cable trays are essential components of a comprehensive cable management system used to support, route, and organize electrical

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

