

Price of Large-Span Low-Voltage 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

Large-span low-voltage cable trays typically range from \$50 to \$250 per meter, depending on material, size, and load capacity.

Price Range and Factors

The cost of large-span low-voltage cable trays varies widely based on material, dimensions, and environmental protection. Common materials include aluminum, galvanized steel, stainless steel, and fiberglass-reinforced plastic (FRP), with aluminum and FRP generally being lighter and corrosion-resistant, while steel offers higher load capacity. For example, standard ladder-type trays for heavy loads can support 30–40 kg per 1.

5 meters, with prices increasing for higher load ratings or specialized coatings.

Aluminum trays: Lightweight, corrosion-resistant, ideal for long spans; prices typically range \$80–\$200 per meter. Galvanized steel trays: Stronger, suitable for industrial environments; prices range \$60–\$180 per meter.

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P trays: Non-conductive, corrosion-resistant, often used in chemical or outdoor environments; prices range \$100–\$250 per meter.

Additional Cost Considerations

Tray Width and Span: Wider trays or those designed for long spans increase material usage and cost. **Load Capacity:** Trays rated for heavier cables or multiple layers of cabling are more expensive. **Coatings and Fire Ratings:** Zinc coating, powder coating, or UL94V-0 fire-rated materials add to the price.

Installation Features: Modular designs, tool-free assembly, and integrated fixing systems can reduce labor costs but may slightly increase unit price. **Supplier Options** McMaster-Carr offers a wide selection of cable trays with same-day delivery, suitable for commercial and industrial projects. Grainger provides aluminum ladder trays for long-span installations, emphasizing airflow and easy modifications.

Alibaba and other suppliers offer customizable low-voltage trays with waterproof and corrosion-resistant options. In summary, expect to budget \$50–\$250 per meter for large-span low-voltage cable trays, with the final cost influenced by material, span, load capacity, and environmental protection features. Selecting the right tray involves balancing durability, installation efficiency, and long-term maintenance costs.

Article Content

Cable Trays | McMaster-Carr

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

Cable Tray Price List 2025: Current Market Rates

Find the latest cable tray price list for 2025. Compare B2B and B2C pricing, materials, and supplier options. Click to explore cost-effective solutions for industrial and commercial projects.

Cable Tray

Explore precision-engineered Wire Mesh Tray built from high-quality welded steel, offering a safe, reliable pathway for low-voltage and data cables with a patented load-optimized design.

Cable Tray Price Per Meter: Market Analysis & Cost Factors

Discover the key factors affecting cable tray price per meter, including materials, demand, and competition. Get cost insights and future pricing trends.

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From heavy power cable pathways on oil drilling platforms to data center cabling, explore the cable tray that's strong yet easy to install. Fast installation with dependable support.

Comprehensive Cable Tray Pricing Guide: Cost-Effective Solutions for ...

Explore competitive cable tray pricing options featuring durable materials, easy installation, and scalable solutions for efficient cable management in commercial and industrial applications.

Buy long-span cable trays online

Wide-span cable trays for secure cable routes over large spans. Sturdy systems, strong brands and top prices at eibabo®.

How Much Do Cable Trays Cost? A 2026 Comparison vs. Conduit

Discover the 2026 cost breakdown for cable trays compared to conduit and wire mesh. Compare material prices, labor savings, and performance to find your best value.

Cable tray

So, whether specifying a major new project, or simply refurbishing existing facilities, choose ABB cable tray to deliver the most effective, reliable and long lasting support for your cabling needs.

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GUIDE CABLE TRAYS TECHNICAL

In accordance with its continuous improvement policy, Legrand reserves the right to change the specifications and illustrations without notice. All illustrations, descriptions and technical information

Cable tray manual

Typical 300 volt insulated multiconductor instrumentation tray cables (ITC) and power limited tray cables (PLTC) cost the same for both cable tray and conduit wiring systems.

Cable Tray Technical Guide A practical guide to product selection and ...

Cable tray length is selected based on the load to be supported, the distance between the supports (also referred to as the span), and handling and installation constraints.

CABLE TRAY SYSTEMS GUIDE

Some applications may require the cable tray to support the weight of a single, dead object in addition to the cable loads. Specifications typically require this to be applied at the midpoint of the span between

Wire Mesh Cable Trays Technical Information Detailed, Material ...

Wire Mesh Cable Tray Detailed Information: a. A job site, field adaptable support system primarily for low voltage telecommunication and fiber optic cables. These systems are typically steel wire mesh,

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

