ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Electrical cable tray styles and prices



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

Electrical cable trays are versatile systems for supporting and organizing power, control, and communication cables, available in various types, materials, and price ranges starting as low as $2.32 per unit.

Key Features of Cable Trays

Purpose and Benefits: Cable trays provide structured support for electrical and communication cables, ensuring organized routing, easy maintenance, and improved safety. They allow for heat dissipation, quick installation, and flexibility for future network expansions .

Materials:

• Metallic: Aluminum (lightweight, corrosion-resistant), Steel (strong, good electromagnetic shielding), Stainless Steel (resistant to high temperatures and corrosive environments), .

• Non-Metallic: Fiberglass Reinforced Plastic (FRP) is non-conductive, corrosion-resistant, and suitable for chemical or wet areas .

Design Types:

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• Ladder Tray: Two side rails connected by rungs; supports heavy and large-diameter cables; excellent ventilation .

• Perforated Tray: Sheet metal with holes; moderate ventilation and cable retention .

• Solid-Bottom Tray: Continuous sheet metal; maximum protection against dust, oil, and contaminants .

• Wire Mesh/Basket Tray: Interwoven steel wires; lightweight, flexible, and well-ventilated .

• Channel Tray: Simple U-shaped design for small cable runs .

Installation: Trays can be wall-mounted, ceiling-suspended, or underfloor. Proper bend radius is important for fiber optic and coaxial cables. Regular cleaning prevents dust accumulation, especially in industrial settings .

Sizes and Load Considerations

Cable trays are typically available in lengths of 2.5m, 3m, or 6m, with widths and depths varying according to cable volume and weight. Selection depends on the number of cables, their diameter, weight, and the installation environment . Suspension systems and accessories are available in pre-galvanized, hot-dip galvanized, or painted finishes, with thicknesses ranging from 2mm to 6mm .

Pricing Overview

• Wire mesh, solid bottom, and stainless steel ladder trays can start at $2.32 per unit for small orders .

• Prices vary based on material, size, load capacity, and finish. Heavy-duty or stainless steel trays for industrial applications are more expensive than aluminum or FRP trays .

• Bulk or wholesale orders often reduce per-unit costs, and customization (length, coating, or accessories) can affect pricing .

Summary

Electrical cable trays offer a cost-effective, safe, and flexible solution for cable management in commercial, industrial, and institutional settings. Choosing the right type, material, and size ensures durability, ease of maintenance, and compliance with environmental and load requirements. Prices start from a few dollars per unit but can increase depending on material and specifications .

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Wire Mesh Cable Trays

These cable trays are lined with wire mesh to route and support small diameter cable, such as data communication cable. The mesh

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Choose from our selection of ladder cable trays, including cable and hose trays, heavy duty open cable and hose carriers, and more.

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This cable management tray comes in 4 different width sizes which includes 4, 6, 8, and 12 inches. The length of all cable trays is

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Cable Tray

Provides optimal support for high-performance data cable, up to and including fiber optic, Cat 5e, Cat 6, Cat 6A, and Cat 7. UL

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There are a large number of cable tray fittings that are made compatible with each type of tray. These fittings help in maintaining

Cable Tray Types and Sizes

Explore various cable tray types and sizes for electrical installations. Learn about ladder, perforated, solid-bottom, wire mesh, and

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7 Types of Cable Trays: How to Choose the Right One

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Selecting the correct cable tray type is not arbitrary—it depends on a combination of cable characteristics,

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