Pakistan Cable Tray Type



Overview

Explore the top types of cable trays in Pakistan – PVC, steel, ladder, and wire mesh cable trays. Find durable and cost-effective cable trays.

Key Takeaways

Cable trays in Pakistan are essential for organized, safe, and efficient cable management, available in perforated, ladder, solid bottom, and wire mesh types, with prices ranging from PKR 850 to PKR 12,500 per meter depending on type and material.

Overview

A cable tray is a structural support system used to hold, route, and protect electrical cables. Unlike traditional conduit systems, cable trays are open and accessible, allowing better airflow, easier installation, and simplified maintenance or future cable replacement. They are widely used in residential, commercial, industrial, and data center projects across Pakistan, improving cable organization and reducing long-term maintenance costs.

Types of Cable Trays

Perforated Cable Trays: Steel sheet bottoms with ventilation holes, ideal for indoor electrical wiring, low-voltage, communication, and control cables. They balance cost, support, and heat dissipation. Ladder Cable Trays: Two side rails connected by transverse rungs, best for industrial power cable runs, solar projects, and high-current applications.

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They offer excellent heat dissipation but are more expensive. Solid Bottom Cable Trays: Fully covered trays for sensitive control cables, protecting against dust, chemicals, and debris. They have poor heat dissipation and are not suitable for high-current power runs.

Wire Mesh Trays: Lightweight, flexible, and fast to install, commonly used in data centers and IT networks. They allow easy cable access and ventilation.

Materials

Mild Steel (MS): Economical and durable, suitable for general applications. Galvanized Steel: Rust-resistant, ideal for outdoor or humid environments. Stainless Steel (SS): High strength and corrosion resistance, used in industrial or chemical environments.

Aluminium: Lightweight and easy to install, often used in IT and telecom setups.

Powder-

Coated Trays: Preferred for outdoor use due to corrosion resistance and long life.

Pricing in Pakistan

Cable tray prices vary based on type, width, material, and load class: Perforated trays: PKR 850–3,500 per meter for common sizes like 50–300 mm. Ladder trays: PKR 12,500 per meter for large hot-dip galvanized trays (600 mm width) used in industrial applications. Wire mesh trays: PKR 1,800–3,500 per meter for 300 mm trays.

Prices in 2025 ranged from PKR 700 to PKR 2,500 per meter depending on type and material.

Standards and Load Classes

Cable trays in Pakistan follow IEC 61537, which classifies trays by working load limit at a given support span. The class number indicates the maximum load (kg/m) the tray can hold without exceeding 1/200th deflection. This ensures safe installation for power, control, and telecom cables.

Suppliers and Manufacturers

Alfazal Engineering: Offers ladder, perforated, and customized trays with widths from 100 mm to 1200 mm, emphasizing durability and easy installation.

IE

S Manufacturing Pakistan: Supplies ladder and perforated trays in GI, SS, Aluminium, and powder-coated finishes, along with supports and accessories for industrial and commercial projects.

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Tech&

Tray: Provides a wide range of cable tray systems for offices, factories, and data centers, focusing on durability, safety, and flexibility.

CNC Electric and EPEP

K: Offer pricing guides, IEC 61537 specifications, and nationwide supply of cable trays and accessories.

Accessories

Cable tray systems in Pakistan include supports, corner fittings, J-bolts, clamps, and covers to ensure proper installation and cable protection. Ladder trays allow cables to be secured with ties or clamps, and perforated trays often come with covers for sensitive installations.

Conclusion

In Pakistan, selecting the right cable tray depends on application, load requirements, environmental conditions, and budget. Perforated trays are ideal for indoor and low-voltage applications, ladder trays for industrial and solar projects, and powder-coated or stainless steel trays for outdoor or corrosive environments. Proper adherence to IEC 61537 standards ensures safety and longevity of installations.

Article Content

Types of Cable Trays in Pakistan | PVC, Steel and

Explore the top types of cable trays in Pakistan – PVC, steel, ladder, and wire mesh cable trays. Find durable and cost-effective cable trays.

Cable Trays in Pakistan | Supplier, Prices and Types

Tech&Tray offers cable trays in a range of high-quality cable management systems, guaranteeing each project has the right support and the best cable tray supplier in Pakistan. This

Cable Trays in Pakistan | Perforated, Ladder & Wire Mesh

Which type of cable tray is best in Pakistan? Answer: In Pakistan, perforated cable trays are ideal for indoor electrical wiring, while ladder cable trays are best for

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Top Cable Tray Manufacturer & Supplier in Pakistan

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Cable Tray Manufacturer in Pakistan

We provide industrial-grade electrical cable tray systems designed to support, route, and protect power and data cables across

Cable Tray Manufacturer in Pakistan | Top Suppliers & Types

Discover top cable tray manufacturers in Pakistan. Compare perforated, ladder, and wire mesh trays, and learn how to choose the right supplier for quality and price.

Alfazal Industry Offers Quality Engineering Products :

Alfazal Electrical Engineering Industry Pvt Ltd is a manufacturer and supplier of Cable Tray in Pakistan. Alfazal Industry manufacturer of all kinds of Electrical

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Seven main varieties exist, each designed for specific applications and conditions. The right choice depends on load, environment, ventilation, and project budget. This guide provides

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Stainless Steel 304 Perforated Cable Tray

Stainless Steel 304 Perforated Cable Tray – Corrosion-Resistant Ventilated Cable Tray for Data Centers & Telecom

Cable Trays & Ladders

Elite Power offers high-quality Cable Trays & Ladders for efficient cable management solutions in Pakistan. Our durable and versatile cable trays and ladders provide reliable support and organization

Cable Tray Manufacturer in Pakistan

Factors Affecting Cable Tray Price Material type (MS, GI, SS), Thickness and width, Tray type (ladder, perforated, duct), Finish (hot-dip galvanized, powder-coated),

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Cable trays Manufacturer in Pakistan : Power Engineering

Power Engineering is a well-known cable trays in pakistan at Pengpk specializing in high-quality trays and various other accessories. We deal in the bulk of products

Fire-Resistant Steel Solid Trough Cable Tray

Fire-Resistant Steel Solid Trough Cable Tray – Safe Electrical Trunking Solution for High-Rise Buildings

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Cable Trays | Cable Management Trays

Stainless Steel Cable Trays: This type of metal cable tray provides a strong and long-lasting performance. Easy to handle and with excellent corrosion resistance. 304 and 316 Stainless Steel

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