Features and Prices of Galvanized Cable Trays



Overview

Designed to resist corrosion and environmental wear, these trays are a crucial choice for professionals seeking durability and reliability.

Key Takeaways

Galvanized cable trays come in pre-galvanized, hot-dip galvanized (HDG), and perforated styles, with prices ranging from approximately ₹74 to $25 per meter depending on type, coating, and supplier. Types of Galvanized Cable Trays1.

Pre-

Galvanized (PG) Cable Trays Pre-galvanized trays are made from steel sheets coated with zinc before fabrication. They are slick, polished, and cost-effective, suitable for dry indoor environments like offices or factories. The zinc coating thickness typically ranges from 12 to 20 microns, providing moderate corrosion resistance.

However, they are not recommended for outdoor or high-moisture areas, as rust may appear within 6–12 months if exposed to harsh conditions. 2.

Hot-

Dip Galvanized (HDG) Cable Trays HDG trays are fully immersed in molten zinc, coating every edge, hole, and corner. The coating thickness ranges from 65 to 85 microns, offering superior corrosion resistance and durability for outdoor, coastal, or chemical facility installations.

HD

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G trays can last 20 years or more without significant rusting. They are ideal for heavy-duty applications and environments with high moisture or salt exposure. 3.

Perforated and Ladder Trays Perforated trays have holes along the base and sides, allowing better ventilation and cable heat dissipation, and are generally lighter and more cost-effective than ladder trays. Ladder trays are stronger, designed to support heavy cable loads, and are commonly used in industrial and commercial installations.

Price Ranges

India (per meter)Ajay Electric & Metal Industries: ₹74/meterSV Metal & Extrusions Pvt. Ltd.: ₹85/meterSuper Cable Tray Pvt. Ltd.: ₹90/meter International / General Market (per meter)Galvanized steel trays: $2–$25 per meter depending on material, type, size, and surface finishHDG trays cost more upfront than pre-galvanized due to thicker coating and durabilityLadder trays are more expensive than perforated or wire mesh trays due to higher load capacity Factors Affecting PriceMaterial type (galvanized steel, stainless steel, aluminum)Surface treatment (pre-galvanized vs HDG)Tray width, height, and thicknessOrder quantity (bulk orders can reduce cost by 20–50%)Shipping, installation, and labor costs Accessories and CustomizationCable tray systems often include elbows, tees, crosses, and support brackets.

Suppliers can provide customized trays based on site conditions, load requirements, and environmental exposure. Lead time for custom HDG trays is typically 2–3 weeks.

Summary

Indoor, dry areas: Pre-galvanized trays (cheaper, moderate corrosion resistance)Outdoor or corrosive environments: Hot-dip galvanized trays (durable, long-lasting)Heavy cable loads: Ladder traysLightweight or ventilated installations: Perforated trays Prices vary widely based on type, coating, and supplier, with Indian suppliers offering ₹74–₹90 per meter and international prices ranging from $2–$25 per meter. Bulk orders and proper selection based on environment can optimize both cost and longevity.

Article Content

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

Cable Trays | EAE USA

Heavy duty cable trays and cable ladders are manufactured from pre-galvanized, electro-galvanized, or hot-dipped galvanized sheet metal, designed to meet ideal environmental working conditions for

Galvanized cable tray

Designed to resist corrosion and environmental wear, these trays are a crucial choice for professionals seeking durability and reliability. In this guide, we will

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HDG Perforated Cable Tray | GI Cable Tray Manufacturer

As a top gi cable tray manufacturer, Parco Engineers delivers high-grade galvanized perforated cable trays that conform to industrial standards of safety, performance, and lifespan.

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Pre Galvanized Perforated Cable Tray

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Pre-galvanized perforated cable trays are used to provide ventilation and support for cable wires in both indoor and outdoor applications. These trays are specifically

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