Price of composite cable trays in the UAE



Overview

CABLE TRAY SUPPLIER IN DUBAI | CABLE TRAY SUPPLIER IN Cable trays are structural systems used to support insulated electrical cables used for power distrib.

Key Takeaways

Composite cable trays in the UAE typically range from AED 150 to AED 500 per meter, depending on type, size, and supplier.

Overview

Composite cable trays, often made from fiberglass-reinforced plastic (FRP) or other non-metallic materials, are widely used in industrial, commercial, and infrastructure projects in the UAE due to their corrosion resistance, lightweight nature, and electrical insulation properties. They are suitable for environments where metal trays may corrode, such as coastal areas or chemical plants.

Price Factors

Material Type: FRP or other composite materials are more expensive than standard steel or aluminum trays due to their durability and resistance to harsh environments. Tray Type: Ladder, solid bottom, wire mesh, and trough designs vary in cost. Ladder trays are common for heavy-duty applications, while wire mesh trays are lighter and cheaper.

Size and Load Capacity: Wider trays or those designed for heavy cable loads cost more. Standard widths range from 100 mm to 600 mm, with larger widths increasing the price. Finish and Accessories: Powder-coated, epoxy-painted, or UV-resistant finishes add to the cost.

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Accessories like reducers, risers, elbows, and covers also affect the total price. Supplier and Location: Prices vary slightly between Dubai, Abu Dhabi, Sharjah, and other Emirates. Bulk orders often receive discounts.

Estimated Price RangeLight-duty composite trays: AED 150–250 per meterMedium-duty composite trays: AED 250–350 per meterHeavy-duty composite trays: AED 350–500 per meter These prices are indicative and may vary depending on project specifications, supplier, and delivery requirements. For accurate quotations, contacting local suppliers such as NMSS, PSI, BonnGulf, or West Port Cable Tray is recommended.

Additional Considerations

Composite trays are easier to install and require less maintenance than metal trays. They are ideal for corrosive or high-humidity environments, extending the lifespan of cable installations. Ensure compatibility with accessories and fittings to maintain structural integrity and safety standards.

By considering these factors, you can select the most cost-effective and durable composite cable tray solution for your project in the UAE.

Article Content

CABLE TRAY SUPPLIER IN DUBAI | CABLE TRAY SUPPLIER IN

Cable trays are structural systems used to support insulated electrical cables used for power distribution, control, and communication in buildings. They offer a safe, organized way to route cables across

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Fiberglass Cable Tray: Durable And Reliable Solution

Fiberglass Cable Tray: Cost and Price Analysis Although the initial investment may be higher than traditional materials such as steel, the long-term advantages in

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Composite materials offer a major upgrade from traditional metal cable trays. Polymer and fiberglass options are designed to handle tough

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