

Price of Irregular Mesh Cable Trays

Article Overview

The price of custom irregular mesh cable trays varies widely depending on material, size, load capacity, and order quantity, typically ranging from \$0.75/m for bulk orders to \$30-100/m for premium or small-scale custom solutions.

Factors Affecting Custom Pricing

Material: Stainless steel (304 or 316) is common for durability and corrosion resistance, with 316 preferred for harsh environments, while aluminum and carbon steel are lighter and often less expensive . **Dimensions and Mesh Design:** Custom widths, heights, and lengths, as well as wire diameters (typically 3.5-6 mm), influence cost. Irregular shapes, bends, slopes, or tees require additional fabrication, increasing the price . **Load Capacity:** Trays must support cable weight with a safety margin, typically 200-500 lbs/ft for industrial applications. Higher load requirements can raise costs . **Quantity and Order Size:** Bulk orders benefit from tiered discounts (15-70% for 1000m+), while small-scale or highly customized orders are priced higher per meter . **Compliance and Standards:** Trays meeting NEMA VE 1, IEC 61537, or UL 1569 standards may carry a premium due to certification and quality assurance . **Additional Features:** Optional covers, corrosion-resistant coatings, and accessories like brackets or mounting hardware can add to the overall cost .

Supplier Pricing Examples

- o Hebei Saiyang: Entry-level bulk pricing around \$0.75/m for 5000m orders .
- o US-based SPKIND Electric: Premium custom trays range from \$30-100/m .
- o JLH Electric: Offers custom stainless steel trays with widths 200-500 mm, heights 50-200 mm, and lengths 300-3000 mm, with competitive factory pricing and OEM/ODM options .

Shipping Considerations

- o Sections up to 5 ft may ship via UPS; longer sections (10 ft or more) typically require LTL freight .
- o Weight per section can reach 57 lbs, so shipping costs should be factored into the total price .

Summary

Custom irregular mesh cable trays are priced based on material, size, complexity, load capacity, and order volume. For large-scale industrial projects, bulk orders can significantly reduce per-meter costs, while small or highly customized orders command higher prices. Suppliers like JLH Electric, Hebei Saiyang, and SPKIND Electric provide flexible options for tailored solutions, including stainless steel, aluminum, and carbon steel trays with optional covers and accessories .



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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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