

Pricing for Horizontal and Vertical Cable Trays



Overview

Cable Tray And Fittings | Graybar Store There are a large number of cable tray fittings that are made compatible with each type of tray. These fittings help.

Key Takeaways

Cable tray prices vary by type, material, and size, with ladder-type trays typically ranging from \$15 to \$76 per unit, and wire mesh trays being the most affordable option. General Pricing Overview

- Ladder-Type Cable Trays: Hot-dip galvanized ladder trays, commonly used for heavy power cables, are priced based on standard lengths of 2.4 meters. Retail prices typically range from \$15 to \$34 per tray, while bulk or B2B purchases can cost as low as \$0.80 to \$76 per unit, depending on material and supplier .
- Wire Mesh (Basket) Trays: These are lighter and more affordable, ideal for data cables in offices or data centers. They are easy to cut and install, making them cost-effective for large projects .
- Material Considerations: Stainless steel, aluminum, and fiberglass trays are available. Aluminum is lighter and easier to handle but generally more expensive than steel, while galvanized steel offers a balance of durability and cost .

Vertical vs Horizontal Installation

- Vertical Cable Trays: Used for risers or wall-mounted installations. Pricing is similar to horizontal trays but may require additional brackets or fittings, slightly increasing the total cost .

- **Horizontal Cable Trays:** Installed along ceilings or under floors. Standard ladder or perforated trays are commonly used, and costs are generally consistent with the base tray price, with minor additions for bends, tees, and supports .

Cost-Saving Tips

- **Bulk Purchasing:** Buying in large quantities reduces per-unit cost significantly, especially for B2B projects .
- **Modular Systems:** Pre-tested, snap-together trays reduce installation time and labor costs, which can save 40–60% of the total project budget compared to conduit systems .
- **Material Selection:** Choosing steel over aluminum for large projects can lower shipping and handling costs while maintaining strength . In summary, ladder-type trays for both vertical and horizontal applications typically cost \$15–\$76 per unit, wire mesh trays are cheaper, and material choice plus installation method can significantly affect the overall project cost .

Article Content

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