

Price List for Tunnel Metal Cable Trays



AI Overview

Metal cable trays for tunnels typically cost between \$5 and \$30 per meter, depending on material, design, and installation complexity.

Price Ranges by Material

- Steel trays:** \$5–\$25 per meter, widely used for general-purpose installations due to their strength and cost-effectiveness.
- Aluminum trays:** \$6–\$30 per meter, lightweight and corrosion-resistant, ideal for humid or chemically aggressive tunnel environments.
- Stainless steel trays:** Higher-end, often exceeding \$25 per meter, used in highly corrosive or demanding conditions.
- Pre-galvanized steel:** Most affordable, suitable for dry, clean tunnel sections.
- Hot-dip galvanized steel:** More expensive but provides superior corrosion protection, recommended for tunnels with moisture or chemical exposure.

Design and Installation Factors

- Tray type:** Ladder trays are stronger and cost more, while wire mesh trays are cheaper and easier to install.
- Size and width:** Wider trays for heavy cable loads increase material costs.
- Accessories:** Couplers, bends, brackets, and supports add to the total cost.
- Labor:** Installation in tunnels can be more complex due to confined spaces, potentially increasing labor costs compared to open installations.

Example Costs

A hot-dip galvanized ladder tray of standard 2.4 meters may cost around \$50–\$100 per section, excluding installation. Aluminum trays in tunnels may reach \$30 per meter due to corrosion resistance and reduced support requirements.

Summary

For tunnel projects, the total cost of a metal cable tray system includes material, accessories, and labor, with steel being the most economical and stainless steel the most durable. Pre-galvanized steel is suitable for dry tunnels, while hot-dip galvanized or aluminum trays are preferred for moisture-prone or corrosive environments. Planning for installation complexity and accessory needs is essential to accurately budget for a tunnel cable tray system.

Article Content

Cable Trays, Cable Management Trays | RS

Cable trays are a type of cable management system used to support and organize electrical cables and wires in commercial, industrial, and residential settings. They are typically made of metal, such as

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Cable Tray Price List

The cable tray price list are for hot dip galvanized ladder type cable tray. The price is based on standard length of the cable tray which is 2.4 meters.

Cable Trays System

Sort By Position Product Name Price Set Descending Direction Cable Trays in various edge heights Edge Height 35 Edge Height 50 Edge Height 60 Edge Height 85 Edge Height 100 Edge Height 110

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Coupler Plates with Hardware For 25/50 MM Height Cable Trays : 20/30 x 200mm = 16/- per piece
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Cable Trays and Accesories

SFSP cable trays and accessories from SFSP are manufactured from steel sheets in accordance with BS EN 10130/BS EN 10131/ BS EN 10051, complying with BS

Cable Trays | Metal, PVC & Wire Mesh Cable Trays | RS

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For more information, pricing, or custom solutions, please contact us:

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