

RIVO MULTITRADE OPTICAL SYSTEMS

Price of Tunnel Wall-Mounted Cable Trays



Overview

Snake Tray is a leading provider of cable management solutions for transit, tunnel and wayside environments.

Key Takeaways

Industrial tunnel wall-mounted cable trays typically range from \$100 to \$500 per linear foot, depending on material, load capacity, and compliance with fire and safety standards.

Tunnel wall-mounted cable trays are designed for harsh environments, including underground transit tunnels, utility corridors, and industrial facilities. They must withstand moisture, dust, vibration, chemical exposure, and temperature variations, while supporting heavy-duty power, data, and control cables (). Materials commonly used include hot-dip galvanized steel, stainless steel, or zinc-plated steel, which provide corrosion resistance and long-term durability ().

Factors Affecting Price

- **Material and Coating:** Stainless steel and hot-dip galvanized trays are more expensive than standard steel due to corrosion resistance and fire safety compliance ().
- **Load Capacity:** Trays designed to carry large bundles of heavy-duty cables over long spans cost more than lighter-duty trays ().
- **Fire and Safety Compliance:** Trays meeting NFPA 130, NFPA 502, IEC 60332, or EN 45545 standards are priced higher due to specialized manufacturing ().

- **Size and Configuration:** Ladder-type, wire mesh, or low-height trays with bends, drops, and wall-mount brackets increase cost due to custom engineering ().

- **Bulk Orders:** Large-scale tunnel projects may reduce per-foot cost through bulk purchasing, but custom specifications can offset savings ().

Estimated Price Range

- Standard industrial-grade wall-mounted trays: \$100-\$250 per linear foot

- High-capacity, fire-resistant, or custom-engineered trays: \$250-\$500 per linear foot

- Accessories (clamps, dividers, covers, directional fittings) may add 10-20% to the total cost ().

Additional Considerations

- **Installation Costs:** Labor for mounting trays in confined tunnel spaces can be significant and should be included in project budgeting.

- **Long-Term Durability:** Investing in higher-quality trays reduces maintenance, cable damage, and fire risk over the life of the tunnel.

- **Supplier Consultation:** Companies like Snake Tray work with engineers to provide cost-effective, tunnel-specific solutions (). For accurate pricing, it is recommended to request a quote from industrial cable tray suppliers, specifying tunnel dimensions, cable load, and compliance requirements.

Article Content

Cable Management for Transit, Tunnels & Rail

Snake Tray is a leading provider of cable management solutions for transit, tunnel and wayside environments. All Snake Tray

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Wall Mount Cable Tray | 501 Series | Snake Tray

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Cablofil steel trough trays provide the strength and security required when then need to limit cable access is of primary importance.

EzyTray Cable Tray Installation

A new EzyTray installation example to show you. In this photo the installer has cut the cable tray to work around other items in the

Cable Tray Price List Philippines Updated 2026

A Cable Tray is a type of structural system that comprises a series of interconnected metal or non-metallic trays that

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

