

Price of 45-degree elbow right-angle cable trays



Overview

45° Horizontal Cable Tray Bend :: PLATT ELECTRIC SUPPLY CleanTray 45-Degree Elbows for 45-degree turns in applications that require frequent washdown. This.

Key Takeaways

The price of 45-degree cable tray elbows varies widely depending on material, size, and supplier, typically ranging from \$20 to over \$150 per piece. Pricing Overview

The cost of a 45-degree cable tray elbow depends on several factors:

- **Material:** Stainless steel elbows (SS304) are more expensive due to durability and corrosion resistance, often used in chemical plants or food processing facilities, while galvanized steel and aluminum options are generally more affordable and suitable for indoor or moderate environments . FRP (fiber-reinforced plastic) elbows are specialized for extreme environments and may command higher prices .
- **Size and Load Capacity:** Larger elbows designed for heavy-duty industrial applications cost more than smaller, lightweight versions suitable for data centers or office installations .
- **Design Features:** Open-grid or perforated designs that allow airflow and easy cable access may slightly increase the price compared to solid elbows .

Typical Price Ranges

- **Small to medium aluminum or galvanized steel elbows:** Approximately \$20-\$50 per piece, suitable for light to medium-duty applications .

- Stainless steel elbows (SS304, brushed finish): Around \$80–\$150 per piece, ideal for washdown, chemical, or outdoor environments .

- Custom or specialized FRP elbows: Prices can exceed \$150 depending on size and environmental specifications .

Where to Purchase

- McMaster-Carr: Offers a wide selection of cable trays and elbows with same or next-day delivery .

- Platt Electric Supply: Stocks 45-degree stainless steel elbows with specific dimensions like 4x4 inches, suitable for industrial washdown applications .

- Alibaba: Provides bulk purchasing options for various materials and designs, often at lower per-unit costs for large orders .

- IndiaMART: Lists multiple manufacturers and suppliers for perforated and horizontal cable tray bends, useful for sourcing in India .

Tips for Selection

- Ensure the bend radius matches your cable specifications to prevent damage; the inner radius should be at least 10 times the diameter of the largest cable .

- Consider environmental conditions: choose stainless steel for corrosive or outdoor settings, aluminum for lightweight and corrosion-resistant needs, and FRP for chemical or moisture-heavy environments .

- Check compatibility with existing trays to simplify installation and reduce labor costs . By considering these factors, you can select a 45-degree cable tray elbow that balances cost, durability, and suitability for your specific installation.

Article Content

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CleanTray 45-Degree Elbows for 45-degree turns in applications that require frequent washdown. This 45-Deg Elbow Top Cover

Cable Tray

CleanTray 45-Degree Elbows for 45-degree turns in applications that require frequent washdown. This 45-Deg Elbow Top Cover

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45° Horizontal Bends

Available for pickup at Hauppauge, NY. This bend provides a 45° change of direction when connecting straight cable tray sections,

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GRP-Elbow 45° for cable tray, with unperforated side rails, with moulded connector, various dimensions, glass fiber reinforced

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Cable Tray Bend Calculator | Arc, Chord & Offset Length

Cable Tray Bend Calculator Calculate cable tray bend dimensions, centerline arc lengths, setback distances, and offset

CABLE TRAY SYSTEMS GUIDE

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Heavy Duty Cable Tray Flat 45 Degree Bends

Heavy Duty Cable Tray Flat 45 Degree Bends - Here at Elevator Equipment we offer a comprehensive range of lift specific products

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

