

Price of cable tray flat elbows and vertical elbows

Article Overview

Cable tray elbows, both flat and vertical, typically range from \$20 to \$150 per piece depending on size, material, and duty class.

Types of Cable Tray Elbows

Flat elbows (horizontal bends) and vertical elbows (90° or adjustable vertical bends) are essential for routing cables around corners or changes in elevation. Vertical elbows are available in standard radii such as 12", 24", and 36" and are compatible with different NEMA classes of cable trays (Class 1, 2, and 3) which vary by side rail width and splice plate configuration. Flat elbows are generally sized to match the width and height of the straight cable tray sections.

Factors Affecting Price

- o Material: Common materials include pre-galvanized steel, hot-dipped galvanized steel, and stainless steel. Hot-dipped galvanized or stainless steel options are more expensive due to corrosion resistance.
- o Duty Class: Light, medium, and heavy-duty trays require elbows with thicker gauge and stronger construction, increasing cost.
- o Size: Larger widths (e.g., 300-600mm) and higher tray heights increase material usage and price.
- o Customization: Adjustable elbows, zero tangent cope fittings, or special angles may cost more due to manufacturing complexity.

Typical Price Ranges

- o Light-duty flat elbows: \$20-\$50 per piece
- o Medium-duty flat elbows: \$40-\$80 per piece
- o Heavy-duty flat elbows: \$70-\$120 per piece
- o Vertical elbows (standard 90°): \$50-\$150 per piece depending on radius and duty class

Purchasing Tips

- o Suppliers like PUPCO, Atkore, and Direct Channel provide quotes on request, as prices vary by quantity, finish, and shipping.
- o For large projects, requesting bulk pricing or consulting with a distributor can reduce costs.
- o Ensure compatibility with your existing cable tray system (NEMA class, width, and height) to avoid additional modifications. By considering these factors, you can estimate costs and plan your cable tray installation budget effectively.



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Channel cable tray secures cables using Eagle Basket pre-punched holes. New pre-punched holes allow the secure attachment of

A cable tray system is used to support insulated electrical cables used for power distribution, control, and communication. Cable

JLH Electric aims to provide competitive factory prices for their cable tray fitting accessories.

Cable trays are support systems used to organize and manage cables and wires in various settings, such as industrial plants,

Vertical outside elbow fitting for I-BEAM cable tray systems. Designed for NEMA class trays, with durable splice plates.

Discover our 90° Vertical Elbow for cable tray systems. Contact us today for availabilities and receive a quote. Fast shipping

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Flat cable elbows are useful in making organized angular direction transformations, especially in a similar

Horizontal elbows allow for a change in direction. A series reflects connected component products for individual purchase.

Ensure your cable tray solution is designed for your application, with our vast range of ladder tray fittings. Choose from the following:

Elbow 45°; RBAS Elbow 45°; RBAS with unperforated side rails, with integrated splice plate 6
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Vertical cable support elbows support cables at the top of long vertical drops. Rail heights range from 4" to 7" and widths range from

Cable tray accessories, including horizontal elbows, vertical elbows, and straight connectors, are essential components for efficient



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The company mainly produces XQJ steel series cable trays, LQJ aluminum alloy series cable trays, and

Supports vertical cables with multiple NEMA class tray options. Durable I-BEAM construction and added bracing improve cable

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