

Price of cable tray tee elbow

Article Overview

The cost of converting a cable tray tee to an elbow typically ranges from \$50 to \$200 per fitting, depending on material, size, and labor.

Factors Affecting Cost

- o **Material Type** Cable tray fittings are commonly made from galvanized steel, stainless steel, aluminum alloy, or fiberglass-reinforced plastic (FRP). Stainless steel and FRP are generally more expensive than aluminum or galvanized steel due to durability and corrosion resistance .
- o **Fitting Size and Type** The size of the tray and the radius of the elbow affect pricing. For example, short radius elbows are smaller and cheaper, while long radius elbows for large trays can cost significantly more . Standard 45° or 90° elbows are widely available, but custom angles may increase cost .
- o **Labor and Modification** Converting an existing tee to an elbow may require cutting, welding, or bolting, depending on the tray system. Labor costs vary by region and complexity, typically adding \$30-\$100 per modification.
- o **Pre-Fabricated vs Custom Fabrication** Purchasing a pre-fabricated elbow is usually more cost-effective than modifying a tee. Custom fabrication may be necessary if the tray system is non-standard or requires a specific angle .

Estimated Pricing

- o Small aluminum or galvanized steel elbow: \$50-\$80
- o Medium stainless steel or FRP elbow: \$100-\$150
- o Large or long radius elbow: \$150-\$200+
- o Labor for conversion: \$30-\$100 per fitting

Recommendations

- o **Check compatibility:** Ensure the new elbow matches the tray width, flange type, and load rating.
- o **Consider pre-fabricated fittings:** Often cheaper and faster than modifying a tee.
- o **Request quotes:** Contact suppliers like JLH Electric, TechLine Mfg, or local distributors for precise pricing based on your tray type and project requirements . By considering these factors, you can budget accurately for converting a cable tray tee to an elbow while ensuring safety and compliance with your cable management system.

Cable Tray Tees provide a smooth, reliable way to branch out your cable runs while keeping everything organised and secure.

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Premier Cable Tray Elbow Supplier in China Cable tray elbow was featured with thickness measurements for about 1-10 mm, enough

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Square Corners: 90 Degree Horizontal Elbows, Horizontal Tees and Horizontal Crosses are available with square corners (0"

Cable Tray Horizontal Vertical Upper Right Elbows Bottomvertical Tee Cross Inside/Outside Vertical Elbow Upper Corner Vertical

Eaton

Fitting and accessories. with the same or different width of the cable run. All fittings are available in sizes and types corresponding to

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