

Article Overview

Cable junction boxes typically range from \$10 to \$450 depending on type and material, while cable trays range from around \$100 to \$300+ per section for industrial-grade units.

Cable Junction Boxes

Price Range:

- o Indoor plastic boxes: \$10-\$60 for standard sizes; small enclosures can start as low as \$5.80, while larger polycarbonate models may reach \$61.60 .
- o Indoor metal boxes: \$50-\$220, offering higher durability and impact resistance .
- o Outdoor/weatherproof boxes: \$70-\$450, designed for rain, UV exposure, and dust protection; premium NEMA-rated or IP66/IP67 enclosures are at the higher end .
- o Retail examples: Lowe's sells standard junction boxes around \$18, with a range of \$13-\$63 . Walmart and Amazon offer similar ranges, with some specialized waterproof or multi-port boxes priced \$12-\$55 .

Installation Costs:

- o Indoor installation: \$100-\$200
- o Outdoor installation: \$400-\$450
- o Complex outdoor setups can reach \$1000 due to weatherproofing and additional wiring . Tips: Buying multiple boxes at once or opting for plastic for simple indoor projects can reduce costs. DIY installation is possible for \$15-\$32 per box, but permits and inspections may apply .

Cable Trays

Price Range:

- o Wire basket trays (steel, pre-galvanized): \$98-\$153 per 10-foot section .
- o Ladder-type trays (steel or aluminum): \$191-\$300+ per 10-foot section, depending on width and material .
- o Wire mesh trays (6" wide, pre-galvanized): \$107-\$123 per 10-foot section .
- o Accessories: Splice kits \$21-\$160, end caps \$12-\$37, support brackets \$18-\$72 .
- o Material Considerations:
 - o Steel: High load capacity, moderate corrosion resistance, cost-effective for indoor industrial use.
 - o Stainless steel: Excellent corrosion resistance, ideal for harsh or outdoor environments, higher cost.
 - o Aluminum: Lightweight, corrosion-resistant, moderate to high cost.
 - o Fiberglass Reinforced Plastic (FRP): Non-conductive, corrosion-proof, higher cost, suitable for chemical or high-humidity environments .
- o Applications: Cable trays are used in industrial plants, commercial buildings, data centers, and outdoor installations. Ladder trays are preferred for heavy or large-diameter cables, while perforated trays improve ventilation and heat dissipation .

Cable tray junction box price

Summary

- o Junction boxes: \$10-\$450 depending on material, size, and weatherproofing; installation adds \$100-\$300+ .
- o Cable trays: \$98-\$300+ per 10-foot section for industrial-grade steel or aluminum; accessories and supports add to total cost .
- o Material choice, environment, and installation complexity significantly influence total costs. For bulk or specialized orders, suppliers like Platt Electric, Graybar, and Alibaba offer industrial-grade trays and junction boxes with pricing based on quantity and specifications .

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Find here Cable Trays, Metal Cable Trays manufacturers, suppliers & exporters in India.

The junction boxes are available in combination with the different variants of plug-in covers.



Cable tray junction box price

Advice for your project or a customized quote? One of our advisers will be happy to assist you in

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A junction box can cost anywhere from around \$10 for a simple indoor plastic box to several hundred dollars for a

Web: <https://in-au.co.za>

