ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Price of installing a beam splitter on a utility pole



Overview

Utility Pole Cost and Price Guide 2026 Typical cost range for a single utility pole project spans from roughly $1,000 to $6,000, depending on pole material.

Key Takeaways

Installing a beam splitter on a utility pole typically costs between $500 and $2,500, depending on equipment, labor, and site conditions.Equipment Costs

A beam splitter itself can range from $200 to $1,000 depending on type, capacity, and manufacturer. Optical or RF beam splitters used in telecommunications or fiber networks vary in price based on specifications and whether additional mounting hardware is required.

Labor and Installation

Labor for installing hardware on a utility pole generally involves a lineman or technician, crane or bucket truck usage, and safety equipment. Typical labor rates for utility pole work are $60 to $150 per hour, with installation taking 2–8 hours depending on complexity and pole height . This translates to $200–$1,200 in labor costs.

Permits and Site Considerations

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Permits may be required for attaching new equipment to utility poles, especially in urban areas. Permit fees typically range from $50 to $350 . Site accessibility, pole height, and terrain can increase costs if additional equipment or safety measures are needed.

Total Estimated Cost

Combining equipment, labor, and permits, the total cost for installing a beam splitter on a standard utility pole is approximately:

• Low-end estimate: $500 (simple installation, easy access, low-cost splitter)

• High-end estimate: $2,500 (complex installation, tall pole, premium splitter, urban permits)
Additional Considerations
• If the pole requires reinforcement or replacement, costs can rise significantly, with full pole replacement ranging from $3,000 to $12,000 depending on height, material, and site conditions .

• Bundling installations on multiple poles can reduce per-unit labor and equipment costs.

• Electrical or fiber connections to the splitter may add additional costs if trenching or line extensions are required. In summary, while the beam splitter device itself is a moderate expense, the major cost drivers are labor, equipment, and site-specific factors, making the total installation cost highly variable but generally within the $500–$2,500 range for a single pole installation.

Article Content

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The typical project spans multiple components that together determine the total price. Estimated totals generally range

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