

Price quote for fusion spliced optical cable



Overview

Fiber Optic Splicing Cost Per Splice (2025 Guide) Fiber optic splicing costs vary widely depending on project size, location, fiber type, and site condition.

Key Takeaways

Fusion splicing of optical cables typically costs \$50–\$150 per splice, with equipment and project factors influencing the total price.

Per-

Splice Costs

The average cost for a fusion splice ranges from \$50 to \$150 per splice point, depending on fiber type, project size, and site conditions. Large fiber counts can reduce the per-splice rate due to volume pricing—for example, a 24-fiber project may cost \$100 per splice, while a 288-fiber project could drop to \$55 per splice. Costs generally include labor and OTDR verification but exclude materials like closures or trays and project management fees.

Equipment Costs

Fusion splicing requires specialized tools, which significantly affect overall costs: Fusion Splicer: \$3,000–\$15,000 depending on features such as automatic alignment, AI optimization, and real-time splice loss estimation. Fiber Cleaver: \$500–\$2,000 for precision cutting of fiber ends.

OTD

R (Optical Time-Domain Reflectometer): \$5,000–\$20,000 for testing splice integrity. Other Accessories: Strippers, crimpers, cleaning supplies, and mechanical splice kits can add several hundred dollars.

Labor Costs

Labor is a major factor in pricing: Technician rates: \$50–\$150 per hour depending on expertise and project complexity. Site conditions: Aerial splicing in open areas is cheaper than underground vault work requiring traffic control or confined space entry.

Factors Affecting Pricing

Fiber Count: Higher fiber counts reduce per-splice cost through volume discounts. Access and Site Conditions: Difficult or hazardous locations increase labor and equipment costs. Splicer Type: Core alignment splicers offer ultra-low loss (

Article Content

Fiber Optic Splicing Cost Per Splice (2025 Guide)

Fiber optic splicing costs vary widely depending on project size, location, fiber type, and site conditions. For most commercial projects, expect to pay \$50–\$150 per fusion splice point - but that number can

Fusion Splicing Services

We use Fujikura, Sumitomo, and Precision Rated Optics fusion splicing equipment, as well as, EXFO and Viavi OTDR's and OLTS equipment to provide you with

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For exact pricing on specific models, submit a Request for Quote (RFQ) and receive competing quotes to compare from our network of Fusion Splicer suppliers. You

Fusion splicer,Fiber optic splicer,Factory Price

The Fibmax Fi-6 is an entry-level fusion splicer designed for fiber optic technicians who need reliable cladding alignment performance at a competitive price point.

How much does it cost to splice fiber?

The cost of splicing fiber optic cables can vary significantly based on several factors, including the type of splice, the equipment used, the location of the job, and the

Fiber Optic Pigtail: Types, Splicing Guide, Specs & Price

Fiber optic pigtail guide : SC/APC & LC/UPC connectors, 0.9/2.0/3.0 mm buffers, single-mode and multimode types, fusion splicing steps, price ranges, specifications, and how to

Fusion Splicer

Shop for high quality fusion splicer, fiber optic fusion splicer machine with competitive price and best shipping service, include Fujikura fusion splicer and Sumitomo fusion splicer.

How much does it cost to splice fiber?

Types of Fiber Optic Splicing There are two primary methods of splicing fiber optic cables: fusion splicing and mechanical splicing. Each method has distinct

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*The prices on this table are only estimates, and are based on actual Fusion Splicer quotes submitted by KWIPPED Suppliers in the last 12 months. Actual Fusion

Fusion splicer price

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Fusion Splicing in Fiber Optics

Fusion splicing stands out as a superior technique for joining optical fibers, offering a seamless, low-loss connection that is crucial for reliable fiber

Price quote for fusion spliced optical cable

Price quote for fusion spliced optical cable The term cost and price appear to frame the budgeting discussion early in this article. Fiber optic repair pricing spans assessment, splicing, testing, and

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Fiber Optic Splicing Machine Suppliers, Fiber Fusion

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

