

Price list for optical cable fittings for sale

Article Overview

Fiber optic cable fittings, including connectors, adapters, and splice boxes, typically range from \$1 to \$50 per piece depending on type, quality, and application.

Overview of Pricing

The cost of optical cable fittings varies widely based on connector type, fiber type, and installation requirements. Common fittings include:

- o Fiber optic connectors (LC, SC, ST, E2000): Prices generally range from \$1 to \$10 per connector for standard single-mode or multimode types, with premium or factory-terminated connectors costing more .
- o Fiber optic adapters and couplers: Typically priced between \$2 and \$15, depending on material and precision .
- o Splice boxes and enclosures: These can range from \$20 to \$50 or more, depending on capacity, weatherproofing, and indoor/outdoor suitability .
- o Fiber pigtails and jumper cables: Pre-terminated assemblies cost more than raw connectors, often \$5 to \$20 per cable, influenced by fiber count and length .

Factors Affecting Cost

- o Fiber Type: Single-mode fittings are generally slightly more expensive than multimode due to tighter tolerances and performance requirements .
- o Connector Quality: Factory-terminated or high-precision connectors increase cost compared to field-installable types .
- o Quantity and Bulk Purchase: Buying in bulk can reduce per-unit cost significantly, especially for connectors and pigtails .
- o Environmental Rating: Outdoor-rated or armored fittings designed for harsh conditions are more expensive than standard indoor fittings .

Where to Purchase

Optical cable fittings are available from specialized suppliers such as EFB-Elektronik, DigiKey, and online marketplaces like Amazon, offering a wide range of components for both single-mode and multimode networks . These suppliers provide options for pre-terminated cables, custom assemblies, and all necessary installation accessories. In summary, expect to pay \$1-\$10 for standard connectors, \$2-\$15 for adapters, and \$20-\$50 for splice boxes, with prices influenced by fiber type, connector quality, and environmental requirements .



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Types of Fiber Optic Cable Fittings A fiber optic cable is composed of several critical components that work together to transmit data

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