

Price quote for fiber optic patch cords



Overview

Amazon.com: Fiber Optic Patch Cables Check each product page for other buying options. Fiber Optic Cables | Fiber Patch Cables | Patch Cords, Duplex FCD off.

Key Takeaways

Fiber optic patch cords typically range from \$5 to \$30 per unit, depending on fiber type, length, and connector quality. Price Ranges

The cost of fiber optic patch cords varies widely based on several factors:

- **Fiber Type:** Single-mode (OS1/OS2) cords are generally more expensive than multimode (OM3/OM4/OM5) due to higher precision requirements and longer-distance performance .
 - **Connector Type:** Common connectors include LC, SC, ST, MTP/MPO, and E2000. High-precision connectors like MPO/MTP or custom-polished connectors increase the price .
 - **Length:** Prices increase linearly with length. For example, a 3-meter LC-LC OS2 patch cord may cost around \$10-\$20, while longer or armored versions can exceed \$30 .
 - **Jacket and Armoring:** LSZH (Low Smoke Zero Halogen) or armored cables designed for harsh environments are more expensive than standard PVC jackets .
 - **Bulk Orders:** Ordering in bulk or OEM/ODM quantities can reduce the unit cost significantly, though setup fees for custom logos or labels may apply .
- Typical Retail Examples
- Standard 1-3 meter LC-LC multimode patch cord: \$5-\$15 per unit .

- Single-mode 3-5 meter LC-LC or SC-SC patch cord: \$10-\$25 per unit .
- Armored or specialty cables (MPO/MTP, LSZH, or custom lengths): \$20-\$50 per unit .

Additional Considerations

- Quality and Testing: High-quality cords with insertion loss (IL) and return loss (RL) testing, 3D interferometer measurements, and end-face inspection reports are priced higher but ensure reliable performance .
- Customization: Custom assemblies, color-coded jackets, or pre-terminated solutions may add to the cost but are often necessary for enterprise or data center applications . In summary, most standard fiber optic patch cords fall between \$5 and \$30, with prices increasing for longer lengths, higher-quality connectors, armored jackets, or specialized applications. Bulk purchasing and careful selection of fiber type and connector can optimize cost efficiency.

Article Content

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

