Price quote for fiber optic patch cords



Overview

Amazon.com: Fiber Optic Patch CablesCheck 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 .

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• 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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