

Price of fiber optic patch cord cabling for computer rooms



Article Overview

Fiber optic patch cords typically cost between \$5 and \$50 per unit, depending on fiber type, connector, length, and jacket construction.

Typical Pricing Ranges

- Short multimode patch cords (OM3/OM4, 1-3 meters) generally range from \$5 to \$15 each for standard LC-LC connectors in bulk orders, with prices increasing for custom labeling or higher-quality testing standards (OEM/ODM setups may add \$30-\$100 setup costs) .
- Single-mode OS2 patch cords are slightly more expensive, often \$10 to \$30 for 3-meter cords, due to tighter tolerances and higher performance requirements .
- Longer cords or specialty cables (armored, LSZH jackets, or MPO/MTP connectors) can cost \$20-\$50 or more per unit, reflecting additional materials and precision manufacturing .

Factors Affecting Cost

- Fiber Type: Single-mode fibers are more expensive per foot than multimode fibers, but multimode OM5 cables for shortwave multiplexing can also carry a premium .
- Connector Type: LC, SC, MPO, and MTP connectors vary in cost; MPO/MTP connectors require precise alignment and polishing, increasing price .
- Cable Jacket and Armoring: LSZH jackets are standard for indoor data centers, while armored cables for floor ducts or harsh environments are more expensive .
- Length: Prices increase linearly with cable length, but bulk orders often reduce th...

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Fiber optic patch cable often called fiber optic patch cord or fiber ...

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