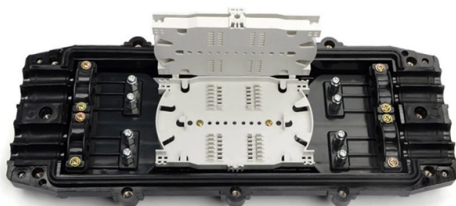


Prices of Commonly Used Fiber Optic Patch Cords



Overview

How Much Do Fiber Patch Cords Cost?

OEM & Bulk Pricing Breakdown Understand fiber patch cord pricing from a B2B perspective. Learn how OEM production, volum.

Key Takeaways

Fiber optic patch cords typically range from \$5 to \$30 per unit for standard lengths and types, with prices varying by fiber type, connector, length, and quality. Typical Pricing

- Single-Mode (OS1/OS2) LC-LC or SC-SC, 1-3 meters: \$5-\$15 per cord, depending on quality and testing standards .
- Multimode (OM1/OM2/OM3/OM4) LC-LC or LC-SC, 1-3 meters: \$6-\$20 per cord, with OM3/OM4 laser-optimized fibers generally costing more .
- Longer lengths (5-10 meters): Prices increase linearly with length, often adding \$2-\$5 per additional meter .
- Armored or LSZH (Low Smoke Zero Halogen) cables: Typically \$10-\$30 per cord due to enhanced durability and safety features .

- Bulk or OEM orders: Unit costs can drop significantly when purchasing in large quantities, though setup fees for custom labeling may apply (\$30-\$100 per order), . Factors Affecting Price
 - Fiber Type: Single-mode fibers are generally less expensive than high-performance multimode fibers like OM4 or OM5.
 - Connector Type: LC, SC, ST, and MPO/MTP connectors vary in cost; MPO/MTP connectors for multi-fiber applications are more expensive due to precise alignment requirements .
 - Cable Jacket and Armoring: Plenum-rated, riser-rated, or armored cables increase cost due to fire safety and mechanical protection standards .
 - Testing and Certification: Cords with insertion loss (IL) and return loss (RL) testing, 3D interferometer measurements, and end-face inspection reports command higher prices .
 - Regional Standards: U.S., Europe, and Middle East markets may have different pricing due to compliance with local building codes and procurement practices .
- Summary

For most commonly used fiber optic patch cords in data centers or enterprise networks, expect to pay \$5-\$20 for standard 1-3 meter cords, with higher prices for armored, LSZH, or high-performance multimode fibers. Bulk purchases and OEM orders can reduce per-unit costs, while specialized connectors or certifications increase them .

Article Content

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