

How much does a 5-meter fiber optic patch cord cost



AI Overview

A 5-meter fiber optic patch cord typically ranges from \$5 to \$20 depending on fiber type, connector type, and quality.

Pricing Overview

Singlemode OS2 LC-SC 5m patch cord: Available from suppliers like FiberCablesDirect, these cables use 9/125 Corning optical fiber with LC and SC connectors, OFNR-rated jackets, and are individually tested. Prices for a single 5-meter cable generally fall in the \$10-\$15 range, with lifetime warranty included.

Multimode OM4 LC-LC 5m patch cord: High-quality OM4 multimode cables designed to minimize modal dispersion and light loss are available from suppliers like CablesForLess. These typically cost around \$5-\$12 per cable, depending on stock and shipping options.

Factors Affecting Price

Fiber Type: Singlemode (OS2) is generally more expensive than multimode (OM3/OM4) due to longer-distance performance and lower attenuation.

Connector Type: LC, SC, ST, or MPO connectors influence cost; small form factor connectors like LC may be slightly higher priced.

Jacket and Armoring: LSZH or armored jackets increase durability but add to the price.

Testing and Warranty: Cables with full IL/RL testing and lifetime warranty may cost more but provide higher reliability.

Bulk Orders: Purchasing multiple units can reduce the per-unit cost significantly.

Recommendations

For enterprise or long-distance applications, a singlemode OS2 LC-SC cable is recommended. For short-distance, high-speed networks, an OM4 LC-LC multimode cable is cost-effective and sufficient. Always check if the supplier provides test reports and warranty, especially for critical installations. By considering these factors, you can select a 5-meter fiber optic patch cord that balances performance, durability, and cost for your specific networking needs.

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5M fiber optic cables are great for data applications needing high transfer rates. Singlemode LC to LC patch cables are best used for long cable runs. Buy now!

5M Fiber Cable

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LC/APC SM Simplex Fiber Optic Cable, Green Boot, 5m

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