

How much does a meter of fiber optic patch cord SC cost



Overview

Amazon.com: Fiber Patch Cord 30 Meters SC/APC to SC/APC Fiber Optic Internet Cable, Armored Single Mode Patch Cable, Fiber Optic Jumper Optical Patch Cord.

Key Takeaways

A single fiber optic patch cord typically costs between \$0.05 and \$2.80 per meter, depending on type, construction, and quality.

Price Ranges
Single-mode fiber (OS2): \$0.30 to \$2.80 per meter, with generic glass at the lower end and premium brands like Corning at the higher end for better long-distance performance and lower attenuation.

Multimode fiber (OM3/OM4): \$0.10 to \$0.60 per meter for standard indoor cables, with high-speed data center versions costing more, sometimes up to \$6 per foot (~\$19.68 per meter) for premium configurations.

Armored cables: Steel tape or FRP armored patch cords add protection for harsh environments, increasing the cost to \$0.30-\$1.50 per meter.

Indoor vs Outdoor: Indoor cables with PVC or LSZH jackets are cheaper (\$0.05-\$0.50 per meter), while outdoor-rated cables with UV-resistant or PE jackets cost more (\$0.10-\$0.50 per meter) due to durability requirements.

Factors Affecting Cost

Fiber Count: Single-core cables are cheaper than multi-core (12-core, 24-core, or 96-core) cables. **Connector Type:** LC, SC, ST, MPO/MTP connectors influence cost; MPO/MTP requires precise alignment and polishing, increasing price. **Jacket Material:** LSZH jackets are more expensive than standard PVC but are safer for public buildings and data centers.

Brand and Quality: Premium glass and tested patch cords with IL/RL reports or 3D interferometer measurements cost more but ensure performance reliability. **Bulk Orders:** Purchasing in volume can reduce the per-meter cost significantly, especially for OEM or ODM orders.

Summary

For a standard single-mode patch cord, expect to pay roughly \$0.30-\$2.80 per meter, with the final price influenced by fiber type, jacket material, connector type, and whether the cable is armored or pre-terminated.

Multimode and specialized cables can cost more, particularly for high-speed or data center applications.

Article Content

Amazon : Fiber Patch Cord

30 Meters SC/APC to SC/APC Fiber Optic Internet Cable, Armored Single Mode Patch Cable, Fiber Optic Jumper Optical Patch Cord - SIMPLEX - 9/125um - OS1/OS2 Compatible, LSZH White

How Much Do Fiber Patch Cords Cost? OEM & Bulk Pricing Breakdown

Understand fiber patch cord pricing from a B2B perspective. Learn how OEM production, volume, customization, and connector types influence cost for single mode, multimode, and MPO

1 Meter SC to SC Fiber Patch Cable, 1M (3.28ft) Multimode ...

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