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



Overview

Amazon.com: Fiber Patch Cord30 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 RangesSingle-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, depending on specifications. Indoor vs Outdoor: Indoor cables with PVC or LSZH jackets are cheaper ($0. 05–$0.

30 per meter), while outdoor-rated cables with UV-resistant or PE jackets cost more ($0. 10–$0. 50 per meter) due to durability requirements.

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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 ...

OM2 SC to SC Multimode Duplex Fiber Patch Cable is specially designed for fast Ethernet, Fiber Channel, Gigabit Ethernet Speeds, data center, premises, educational, LAN, SAN, commercial and

Fiber Optic Cable Pricing Guide: Factors That Affect Cost ...

This guide outlines the major factors that influence fiber optic cable costs and provides practical tips for estimating pricing in bulk or project-based scenarios.

How Much Does Fiber Optic Cable Cost? 2025 Factory Price Guide

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Searching for how much does fiber optic cable costs? Stop guessing. We break down 2025 prices for OS2, OM3, and Armored cables directly from the Wolontek factory floor.

Optical Fiber Patch Cables (Single Mode, Multimode & 10G)

Pre-terminated single mode, multimode, and 10G fiber patch cables with SC, ST, LC, MTRJ, FC, E2000, VF45 connectors. Mode conditioning, PM fiber, LSZH, reversed polarity.

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