

Price of fiber optic patch cord connection in the factory



AI Overview

Factory prices for fiber optic patch cords typically range from \$1 to \$10 per unit depending on fiber type, connector, length, and customization options.

Price Ranges and Factors

The cost of fiber optic patch cords varies widely based on several factors:

- Fiber Type:** Single-mode (OS1/OS2) and multi-mode (OM3/OM4/OM5) fibers influence price, with high-performance fibers like OM5 or low-loss single-mode cables generally costing more.
- Connector Type:** LC, SC, FC, ST, and MPO/MTP connectors affect pricing due to precision alignment and polishing requirements, especially for multi-core configurations.
- Cable Length and Jacket:** Longer cables increase cost linearly. Armored or LSZH (Low Smoke Zero Halogen) jackets add to the price for durability and fire safety.
- Customization:** OEM/ODM orders with custom logos, labels, or color coding may incur setup fees (\$30–\$100), but bulk orders reduce unit cost.
- Volume Discounts:** Ordering in bulk from factory suppliers significantly lowers the per-unit price.

Typical Factory Pricing Examples

- Standard 1–3 meter LC-LC single-mode patch cord: \$1–\$5 per unit in bulk orders.
- High-performance multi-mode OM4/OM5 patch cord: \$3–\$10 per unit depending on length and connector type.
- Armored or specialized cables: Higher-end pricing due to protective features and compliance with fire or outdoor standards.

Sourcing Options

- Alibaba and Made-in-China:** Offer factory-direct wholesale prices with customization options and fast shipping.
- Global Sources:** Provides access to over 1,000 manufacturers with competitive factory pricing and bulk order capabilities.
- OEM Manufacturers like CFOFC:** Provide high-speed, low-loss patch cords with international standard compliance (ISO/IEC, TIA/EIA, RoHS), customizable lengths, colors, and connectors, suitable for enterprise networks and data centers.

Regional Considerations

U.S.: UL-I...

Article Content

Fiber Optic Pigtails | SC, LC, ST Single Mode & Multimode

A fiber optic pigtail has a connector on only one end, with the other end left bare for splicing. A fiber optic patch cord (or jumper) is a cable with connectors on both

5 Best LC Fiber Optic Patch Cord | Stop Replacing Broken Pigtails

The LC fiber optic patch cord that fits your link depends on whether you need single-mode reach, multimode density, or a multi-pack for a structured cabling refresh.

How to choose fiber optic pigtails?

Fiber optic patch cords are usually jacketed, while fiber pigtails are usually unjacketed. Since fiber pigtails are usually spliced and protected such as in a fiber splice tray.

How to Choose a Fiber Patch Cord Supplier: Price vs. Quality

Learn how to choose the right fiber patch cord supplier by comparing price vs. quality, certifications, and delivery reliability. This guide covers key procurement considerations including

ZiFonic | Factory-Direct Patch Cord Solutions

Our company specializes in the research, development, and production of high-performance optical communication components, particularly focusing on precision fiber optic adapters, patch cords

FOCC Fiber® | Fiber Optic Solutions & Component Manufacturing

With 100+ engineers across 3 production facilities, we manufacture and supply everything from single LC SC patch cords to full MPO-24 trunk cable runs and turnkey patchcord production lines.

MPO/MTP-8 Female to Female OM4 Fiber Patch Cable | Type B

Premium MPO/MTP-8 UPC (Female) to MPO/MTP-8 UPC (Female) multi-mode OM4 fiber optic patch cord. 8-fiber, Type B polarity, 0.35dB Max IL. Optimized for ultra-high-speed 40G/100G/400G

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Our extensive range includes both single-mode and multimode fiber optic patch cords, offering seamless connectivity with a variety of connector types, including LC, SC, FC, ST, E2000, and MPO/MPT, to

What is a Fiber Optic Pigtail, and What Is It Used For?

Using a patch cord when a fiber optic pigtail is needed can result in loose connections or, worse, failed network links. In contrast, using a pigtail in place of a patch cord can make future

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During daily use, i am very satisfied with the performance of ez-rj fiber optic patch cord. Whether connected to a computer or other devices, it can quickly and efficiently complete data

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