

Factory Price for Multimode Fiber Optic Patch Cords



AI Overview

Multimode fiber optic patch cords typically range from \$2 to \$15 per meter at factory prices, depending on fiber type, connector, length, and jacket material.

Pricing Overview

Factory prices for multimode fiber optic patch cords vary widely based on several factors:

- Fiber Type:** OM1 (62.5/125 μm) is the least expensive, suitable for legacy networks and short distances, while OM3 and OM4 (50/125 μm) are laser-optimized for high-speed 10/40/100-Gigabit Ethernet and cost more due to enhanced performance. OM5 is designed for short-distance SWDM applications and is generally the most expensive.
- Connector Type:** LC, SC, ST, FC, and MPO/MTP connectors influence cost. High-precision connectors like MPO/MTP for 12F/24F cores require careful alignment and polishing, increasing the price.
- Cable Length:** Prices increase linearly with length. Common lengths include 1m, 2m, 5m, 10m, and 20m, with bulk orders reducing per-unit cost.
- Jacket Material:** PVC jackets are cost-effective and flexible, suitable for office and server environments. LSZH jackets are safer in public or high-occupancy areas, producing minimal smoke and no halogen gases, which slightly increases cost. Armored cables for industrial or outdoor use are more expensive due to added protection.
- Customization and Testing:** OEM/ODM orders with custom logos, colors, or packaging may have setup costs (\$30-\$100), but bulk orders reduce unit cost. High-quality cords with IL/RL testing, 3D interferometer measurements, and end-face inspection reports command higher prices.

Typical Factory Price Ranges

Fiber Type	Price Range (per meter)
OM1 (62.5/125 μm)	\$2-\$5
OM2 (50/125 μm)	\$3-\$6
OM3 (50/125 μm , laser-optimized)	\$4-\$10
OM4 (50/125 μm , laser-optimized)	\$5-\$12
OM5 (50/125 μm , SWDM)	\$8-\$15

Bulk orders and longer lengths generally reduce the per-unit cost, while specialized conn...

Article Content

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Buy Amphenol Fiber Optic Patch Cables Factory-Direct from Cables on Demand! With 4 decades of fiber optic interconnect manufacturing experience, our optical Patch Cord Price

Discover patch cord price deals on Cat6, Cat8 & fiber optic cables with CE/ROHS certification. Low-loss, durable connections for telecom & networking.

How to choose fiber optic pigtails?

What Are Fiber Optic Pigtails? A fiber pigtail is a single, short, usually tight-buffered fiber optic cable with a factory-installed connector on one end, and un-terminated

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.

Fiber Optic Cables | Fiber Patch Cables | Patch Cords, Duplex

FCD offers TAA Compliant and Made in the USA fiber optic cables. We can custom build any length and type of fiber you need and we'll ship the order typically within 1-2 days.

What Is an MPO Cable?

Learn what an MPO cable is, how MPO/MTP fiber patch cords work, key specifications (12F/24F/48F, insertion loss $\leq 0.35\text{dB}$), and how to select the right one for data center or 5G

HOLIGHT Fiber Optic Manufacturer in China | Patch Cords

HOLIGHT is a global fiber optic manufacturer in China, providing patch cords, adapters, terminal boxes and FTTH solutions for worldwide telecom projects.

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

Fiber Optic Patch Cord | SC LC FC ST MPO

All our patch cords are manufactured with precision-polished ceramic ferrules and undergo 100% insertion loss testing to ensure optimal performance. We provide custom lengths, colors, and labeling

Fiber Optic Patch Cord Dealer in Dubai, UAE

Each patch cord is built for consistent performance, ensuring minimal signal loss and long-term reliability across demanding installation environments. As a trusted fiber optic patch cord supplier in Dubai,

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How Fiber Optic Patch Cords

Discover how Weunion crafts 100% reliable fiber optic patch cords through precision manufacturing and rigorous testing. From raw material selection to automated polishing, IL/RL

Fiber Optic Patch Cables Factory

Depending on the type of fiber, there are single-mode fiber optic patch cables and multimode fiber optic patch cables available in the market. 15 Years of

Fiber Optic Cable Supplier, Distributor

Stocking distributor of fiber optic installation tools, bulk fiber cables, fiber patch cables, test equipment, cable management, fiber optic training and more.

MPO-24 to MPO-24 OM3 Multimode Fiber Patch Cord | Female

Premium MPO/MTP-24 UPC (Female) to MPO/MTP-24 UPC (Female) multi-mode OM3 fiber optic patch cord. 24-fiber high-density, Type B cross polarity, 0.35dB Max IL. Optimized for 100G/400G switch

MPO/MTP-8 Female to Female OM5 Fiber Patch Cable | Type B

Premium MPO/MTP-8 UPC (Female) to MPO/MTP-8 UPC (Female) multi-mode OM5 fiber optic patch cord. 8-fiber, Type B cross polarity, 0.35dB Max IL. Optimized for SWDM and high-speed

Wholesale Fiber-optic Patch Cords from Manufacturers, Fiber-optic Patch ...

Dive into our online wholesale Fiber-optic patch cords products catalog on globalsources ! Source over 1099 Fiber-optic patch cords for sale from manufacturers with factory direct prices, high quality

Fiber Optic Patch Cords Guide | Types, Connectors & Applications

Explore fiber optic patch cords for telecom, data centers, and FTTH. From LC/SC to MPO/MTP and armored jumpers, ZION Communication offers high-quality, customizable fiber patch

Fiber Optic Patch Cord, Single Mode & Multimode Patch Cord

Shop our multimode patch cords for reliable fiber optic communications. Enjoy high performance and durability. Perfect for FTTH and data center applications.

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