

How much does a multimode fiber optic patch cord cost

Article Overview

Multimode fiber optic patch cords typically range from \$5 to \$50 per unit, depending on fiber type, length, connectors, and quality.

Pricing Overview

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

- o Fiber Type: OM3 and OM4 are common for high-speed structured cabling, while OM5 is used for short-distance SWDM applications. OM4 and OM5 cables generally cost more due to higher bandwidth capabilities and advanced materials .
- o Length: Prices increase linearly with cable length. Short patch cords (1-3 meters) are usually at the lower end of the price range, while longer cords (10 meters or more) can cost significantly more .
- o Connectors: LC, SC, and ST connectors are standard, with LC connectors often preferred for high-density applications. MPO/MTP connectors for multi-fiber setups are more expensive due to precise alignment and polishing requirements .
- o Jacket and Armoring: LSZH (Low Smoke Zero Halogen) jackets, plenum-rated cables, or armored cables designed for harsh environments increase the cost .
- o Testing and Certification: Cables that come with IL/RL test reports, 3D interferometer measurements, and end-face inspection results are priced higher due to quality assurance .

Typical Price Ranges

- o Short OM3/OM4 patch cords (1-3 meters, LC-LC): \$5-\$15 per unit .
- o Medium-length cords (5-10 meters): \$10-\$25 per unit, depending on fiber type and connector quality .
- o High-performance or OM5 cords, armored or custom-labeled: \$25-\$50 per unit, especially for bulk or OEM orders .
- o Bulk Orders: Ordering in large quantities can reduce the unit cost significantly, sometimes by 20-40% .

Where to Buy

Multimode fiber patch cords are available from online retailers like Amazon, Cables Plus USA, Fiber Savvy, and Fiber Cables Direct, with options for custom lengths, connectors, and shipping . Prices may vary slightly by region due to local standards, building codes, and procurement practices . In summary, expect to pay \$5-\$50 per multimode fiber optic patch cord, with the final price influenced by fiber type, length, connectors, jacket type, and quality certifications. Bulk purchases and standard OM3/OM4 cables are the most cost-effective options.



How much does a multimode fiber optic patch cord cost

Understand fiber patch cord pricing from a B2B perspective. Learn how OEM production, volume, customization, and

PANDUIT NETKEY FIBER OPTIC PATCH CORD 2 FIBER OM4 LC DUPLEX TO LC DUPLEX LSZH 2.0MM 5M MPN Part

Confused by LC, SC, MPO, UPC, and APC? This complete fiber optic patch cable guide

Explore the differences between single mode and multimode fiber optic patch cords. Learn about the advantages and

OM3 LC to LC Multimode Duplex Fiber patch cords is specially designed for connecting 10G SR, 40G BIDI

Explore durable single-mode and multimode fiber patch cables for seamless data transmission. Available in various lengths and

PHXFIBER provides different modes of fiber cable patch cord, such as multimode patch cord, single-mode

Fiber Optic Patch Cords are short-distance fiber optic cables capped with connectors at both ends in order to facilitate the connection

SC/UPC - ST/UPC (62.5/125) OM1 3mm Simplex Multimode Fiber Optic Patch Cord Precision Rated Optics from \$7.99 from

Beyondtech's LC to LC Fiber Patch Cable Multimode Duplex is engineered for high-speed data transmission with a 50/125µm OM3

Discover OM3 multimode fiber patch cables for 10G, 40G, and 100G Ethernet. Perfect for data centers and

SINO OPTIC multimode patch cables are available with a diameter of 1.6, 2, 2.8 or 3mm jacket. SINO OPTIC simplex and duplex

OM3 Multimode 10Gb OM3 10Gb fiber cables are a cost-effective solution for many modern-day network setups, and they're still one

Why to Choose? OM4 LC to LC multimode fiber optic patch cables are Constructed with LSZH environmentally friendly Jacket.

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FS offers OM5 multimode fiber patch cables 50/125 with full use of shortwave wavelength division multiplexing (SWDM) tech for

FLYPROFiber- LC to LC Fiber Patch Cable 1M/3ft, OM3 Multimode Fiber Optic Cable Cord, 10GB/40GB, Duplex, 50/125um, LSZH,

Web: <https://www.in-au.co.za>

