

Article Overview

The price of OM3 multimode fiber typically ranges from \$1.50 to \$6.00 per foot, depending on core count, quality, and cable type.

OM3 fiber is a 50/125 um multimode fiber optimized for laser-based equipment, commonly used in high-speed data centers and enterprise networks . It supports 10 Gigabit Ethernet up to 300 meters and can handle 40/100 Gigabit Ethernet up to 100 meters . Large-core OM3 cables, such as those with multiple cores (e.g., 12-core to 96-core), are priced higher due to increased material and manufacturing complexity.

Pricing Details

- o Standard OM3 multimode fiber: \$1.50 to \$6.00 per foot, depending on manufacturer and quality .
- o Armored or LSZH (Low Smoke Zero Halogen) cables: \$1.15 to \$6.50 per meter, offering extra protection against physical damage and fire safety requirements .
- o Custom or high-core-count cables: Prices increase with the number of cores, with 96-core or higher cables costing more due to additional glass and jacket materials .

Factors Affecting Price

- o Core Count: More cores increase material costs and complexity.
- o Cable Type: Armored, plenum-rated, or LSZH cables are more expensive than standard PVC-jacketed cables .
- o Brand and Quality: Premium brands like Corning offer lower attenuation and higher reliability, which can increase cost .
- o Length: Prices are usually quoted per meter or per foot, so longer runs proportionally increase total cost .

Where to Buy

OM3 fiber cables are available from electronics distributors like Mouser Electronics, online marketplaces such as Amazon, and specialized fiber suppliers like Fiber4u . Many suppliers offer custom lengths and core counts, allowing you to tailor the cable to your network requirements. In summary, for large-core OM3 optical fiber, expect \$1.50-\$6.00 per foot for standard cables, with armored or high-core-count options costing more depending on specifications and manufacturer .

Multimode fiber is a type of optical fiber that is used for transmitting light signals. Unlike

Mouser offers inventory, pricing, & datasheets for OM3 Fiber Optic Cables.



Price of large-core OM3 optical fiber

Our stock fiber optic bundles are terminated with SMA905 connectors and are offered with high OH fiber, low OH fiber, and our mid

ShowMeCables offers a wide range of armored fiber optic cables featuring same-day shipping. These armored fiber cables provide

OM3 LC LC Indoor/Outdoor Duplex Fiber Patch Cable, 10Gb Multimode 50/125um optical fiber cable (10Gb up to 300 meters).

OM1-OM5 multimode fiber standards, detailing their core sizes, jacket colors, transmission capabilities and more.

A complete guide to multimode fiber types OM1, OM2, OM3, OM4, and OM5. Compare

FS offers OM3 multimode fibre optic patch leads 50/125 with bend insensitive fibre design that is optimal for 10G fibre optic cabling

This larger core allows easier light injection and lower-cost optical sources (LEDs and VCSELs), making multimode

Find OM3 multimode fiber solutions including duplex patch cables, spool cables, and industrial-grade armored options for your

Explore differences between OM1, OM2, OM3, OM4, OM5 multimode fiber, including core size, bandwidth,

Shop high-quality Multimode 50/125 OM3 fiber optic cables at CableLeader. Our OM3 cables support 10Gb, 40Gb, and 100Gb

Identified by ISO 11801 standard, multimode fiber optic cables can be classified into OM1 fiber, OM2 fiber, OM3 fiber,

FS.com - HPC, Data Center, Enterprise, Telecom

HES 48 Core Multiple Tube Steel Armored Fiber Optic Cable, OM3 50/125µm; MultiMode. Suitable for high

Datasheet: GD101699v5 850 nm LASER-OPTIMIZED 50/125 MULTIMODE OPTICAL FIBER IEC 60793-2-10 Type A1a.2 and

Web: <https://www.millstraining.co.za>

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