

Om3 and Om4 optical cable prices



AI Overview

OM3 fiber optic cables typically cost \$3.28–\$4.50 per foot, while OM4 cables range from \$4.50 up to \$13.50 per foot depending on construction and application.

Price Overview

OM3 Multimode Fiber: Standard OM3 cables are priced between \$3.28 and \$4.50 per foot, with riser and plenum-rated options affecting the cost. For example, Corning MIC OM3 riser-rated cables are around \$3.55–\$3.77 per foot. FS.com lists 1-meter PVC OM3 cables at approximately \$4.20.

OM4 Multimode Fiber: OM4 cables offer higher bandwidth and longer transmission distances, reflected in their price. Standard OM4 cables cost \$4.50–\$5.50 per foot, while armored or specialized versions can reach \$13.50 per foot. Corning MIC OM4 riser-rated cables are priced \$4.87–\$5.19 per foot, and FS.com lists 1-meter PVC OM4 cables from \$3.90 to \$4.60.

Factors Affecting Price

Cable Construction: Plenum-rated, riser-rated, or armored cables increase cost due to fire safety requirements or physical protection.

Length and Bulk Orders: Buying in bulk often reduces per-foot cost, while short runs may be slightly more expensive.

Material Quality: LSZH jackets, high-quality glass cores, and laser-optimized fibers increase price compared to standard PVC or lower-grade fibers.

Application Requirements: High-speed networks (40G/100G Ethernet) or long-distance links may justify OM4's higher cost for future-proofing.

Practical Considerations

OM3 vs OM4: For most 10 GbE links under 300 meters, OM3 is sufficient. OM4 is advantageous for longer distances or higher-speed applications like 40G/100G Ethernet.

Compatibility: OM4 is backward compatible with OM3, but mixing cables will limit performance to the lower-rated fiber. In summary, OM3 is generally more cost-effective for standard enterprise or data center links, while OM4 provides higher performance at a premium, especially for future-proofing or high-speed network deployments.

Article Content

Fiber Optic Cable OM3 vs. OM4: Speed, Distance, and Differences

Compare OM3 vs OM4 multimode fiber: modal bandwidth, real-world distances for 10G/40G/100G, cost tradeoffs, compatibility tips, and engineer feedback from Reddit & field tests.

How Do Multimode Fiber Optic Cable Prices.

Are you overwhelmed by the varying prices of multimode fiber optic cables? With so many options, pinpointing the right balance between cost and

Fiber Optic Cable Jacket Guide: OFNP vs OFNR, LSZH, PVC, PE,

Need indoor fire-rated cable? BWNFiber supplies OFNP, OFNR, and LSZH cables in OS2, OM3, OM4, and OM5, with NFPA 262, UL 1666, and IEC 60754/61034 test reports. Request

Fiber Optic Cables | OM1 OM2 OM3 OM4 OS2

Shop Fiber Optic Cables OS2, OM1, OM2, OM3 and OM4 in a variety of colors and lengths. High-quality fiber cables for professional applications.

5 Best Fiber Optic Cable | Under 10ms Latency Data Lines

How To Choose The Best Fiber Optic Cable Not all fiber cables are interchangeable. The wrong mode or connector type will either fail to link or introduce enough loss to cripple throughput. Focus on three

Top 9 and more 33 Optical Cable (from 3,82 €)

July 2026 - Best Prices, Real Reviews, Most Important Q& As Before Buying. From European Warehouse - Optical Cable Pepita

OM3 vs OM4 Fiber — Performance, Distance & Cost

OM3 vs OM4 multimode fiber compared. Bandwidth, distance limits, cost differences, and which grade is right for your production environment.

Multimode cables OM1/OM2/OM3/OM4/OM5 bei

Multimode cables are available in different versions (OM1/OM2/OM3/OM4/OM5) with different data rates – perfect for your in-house cabling! Due to the

Single Mode vs Multimode Fiber, What is The

Depending on the fiber type, OM1 is 62.5µm in diameter, while OM2/OM3/OM4/OM5 are all 50µm in diameter. Although there is a clear

Multi Mode Fiber Cables: OM3/OM4 High-Speed Solutions & Bulk

The global multimode fiber (MMF) cable market is experiencing steady growth, driven by escalating demand for high-bandwidth applications in data centers, enterprise networks, and telecommunications.

Complete Guide to Fiber Optic Cables for Data Centers

Everything you need to know about fiber optic cables for data center deployments. Covers OS2, OM3, OM4, OM5 cable types, LC/SC/MPO connectors, and

Cost of Fiber Optic Cable: Pricing Guide (2026)

Discover the cost of fiber optic cable in this pricing guide. Learn material prices, installation factors, and what impacts total project costs overall.

How Much Does Fiber Optic Cable Cost? 2025 Factory

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

LC & SC Fiber Optic Patch Cables

LC and SC fiber optic patch cables in OS2 single-mode and OM3/OM4/OM5 multimode. UPC & APC polish options. LSZH rated, custom lengths available.

Armored Fiber Optic Cables

Browse our armored fiber optic cables and patch cables today. We carry OM4 and OM3 fiber optical jumpers, 50/125 10G, 40G, 100G, LSZH rated and more.

Best Direct Burial Fiber Optic Cable Solutions for Harsh Environments

The cable supports long-distance, high-speed networking with bend-insensitive OM3/OM4 fibers, delivering strong performance for enterprise campuses, data centers with outdoor spans, or

OM3 vs OM4 Multimode Fiber: What's the difference?

This post will illustrate the detailed comparison of OM3 vs OM4 in five main aspects such as OM3 vs OM4 bandwidth, speed, transmission distance, etc., and give guidance on how to choose

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Primus Cable Is Your One-Stop-Shop For Low Voltage Cable And Accessories. We Offer End-To-End Solutions And Unbeatable Prices On Premium Networking

Fibre Cable Price Breakdown – Cost Per Metre

Discover the fibre cable price for OM3, OM4, and singlemode cables. Compare per metre costs, installation types, and real-world examples.

OM2, OM3, OM4 vs. OM5 | How to Choose the Right

The difference between multimode fiber optic cables is important when choosing the right cabling for your network. Therefore, we take a detailed

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

On average, Single-mode (OS2) ranges from \$0.09 to \$1.52 per foot, while Multimode (OM3/OM4) can cost between \$1.50 and \$6.00 per foot. Factors like armor, jacket rating (LSZH), and raw material

OM4 Multimode Fiber Optic Cables for 40G/100G Networks

Get OM4 multimode fiber optic cables 50/125 with bend insensitive fiber design that support 40G/100G cabling. 100% end-face, 3D interferometer, IL& RL tested.

A new choice for fast and stable network connections ✂ ...

This fiber optic patch cable not only supports gigabit transmission speeds but can also reach 10 gigabit levels, which means that whether processing large files, streaming high-definition

Contact Us

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