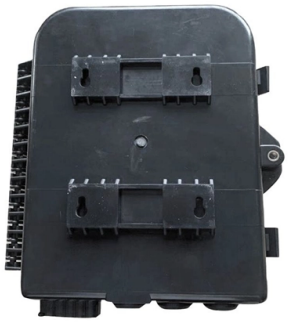
Om4 1-to-4 fiber optic cable



Overview

OM4 cables utilize optimized 50µm/125µm multimode optical fiber, enabling speeds up to 10 Gigabit Ethernet at distances of up to 550m (850nm). OM4 multimode (MMF) duplex fiber optic cable 50µm/125µm. LC/PC connectors on one end and SC/PC connectors on the. With OM4 fiber, you can transmit a 10G Ethernet signal up to 400 meters, a 25G Ethernet signal up to 100 meters, a 40G Ethernet signal up to 150 meters, and a 100G Ethernet signal up to 70m OM3 and 100m OM4. Mouser offers inventory, pricing, & datasheets for OM4 Fibre Optic Cables. In high-speed network infrastructure, choosing the right type of fiber optic cable is essential for performance, cost-efficiency, and long-term scalability. This article explains the core differences between OS1 and OS2 singlemode fibers, as well as OM3, OM4, and OM5 multimode fibers—to help OEM. Fiber4u offers OM4 Fiber Cable solutions designed for ultra-high-speed data transmission. Optimized for laser and high bandwidth. Compatible with OM1, OM2 (1 Gbit/s) and OM3 (10 Gbit/s up to 300 m). MPO trunk cable selection becomes easier when buyers confirm fiber type, fiber count, polarity, gender, jacket, and loss grade.

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Article Content

Multimode Fiber Cable Types: OM1/OM2/OM3/OM4/OM5 Compared

This comprehensive guide explores Multimode Fiber Cable Types, covering technical specifications, deployment scenarios, and best practices to help you optimize your fiber infrastructure

OS1 vs OS2, OM3 vs OM4 vs OM5 – Fiber Optic Cable

Discover the key differences between OS1 and OS2 singlemode fibers, and OM3, OM4, OM5 multimode cables. Learn how to select the right

OM4 Multi Mode Fiber Optic Cables |

Fiber4u offers OM4 Fiber Cable solutions designed for ultra-high-speed data transmission. With a core diameter of 50/125 µm, OM4 fiber cables support data transmission speeds of 10 Gbps over

OM4 multimode fiber optic cable MMF duplex 50µm/125µm LC/PC

OM4 multimode (MMF) duplex fiber optic cable 50µm/125µm. LC/PC connectors on one end and SC/PC connectors on the other. Optimized for laser and high bandwidth. Speeds up to 10 Gigabit Ethernet

Multimode OM4 | Fiber Optic Cable | Data Center

Designed to deliver exceptional performance and durability, these fiber patch cables are specially crafted for high-speed, bend insensitive connections. With laser

MPO Trunk Cables Supplier | OS2 OM3 OM4 OM5 Pre-Terminated

1) What MPO Trunk Cables Are ZION MPO Trunk Cables are pre-terminated multi-fiber backbone assemblies designed for high-density optical interconnection in data centers, structured cabling

OM4 Multimode Fiber Optic Cable | Farnell® UK

Buy OM4 Multimode Fiber Optic Cable. Farnell® UK offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets & technical support.

High-Density Riser Fiber Optic Cable, MM 10G OM4

High-Density Fiber Optic Cable, Multimode, 50/125 10 Gig OM4, Indoor/Outdoor, Riser. Like loose-tube gel-filled cables, it utilizes 245 um fibers as opposed to 900 um tight buffered fibers and it doesn''t

Fibre Optic Cable

© 2026 EXF OPTICAL NETWORKS - All rights reserved

View Eland Cables'' range of singlemode and multimode fibre optic cables - loose tube and tight buffered. Technical support, fast quote, international logistics and

Fiber Optic Cables | Fiber Patch Cables | Patch Cords,

OM4 Bend Insensitive - TAA OM4 Bend Insensitive - TAA Compliant 50/125 40/100Gb Multimode Duplex Fiber Optic Cables.

Fiber Optic Color Code: The Ultimate TIA-598-C Guide

Master the TIA-598-C fiber optic color code standard. Read our complete guide and use our free interactive calculator to easily identify 1-144 core cables.

Tripp Lite N845B-10M-12-MG 100G Multimode 50/125 OM4 Fiber Optic Cable ...

Description 40/100 GbE Cable Supports Higher Bandwidths Needed for High-Density Data Networking As the amount of traffic in data networks grows, so does the need for devices and fiber cables to

12-Core MTP/MPO to LC Fiber Optic Patch Panel Cassette

12 Cores OM3 OM4 Multimode MTP/MPO to LC Fiber Optic Patch Panel Cassettes Module Dowell Fanout Cassettes are engineered to deliver high-performance fiber termination and breakout

Fiber Optic Cables Adapters Couplers Connectors Bulk Cable

Fiber Optic Cables, Adapters, Couplers, Connectors & Other Components At L-com, we are a global leader of wired and wireless connectivity products, offering a wide range of solutions across many

OM4 MPO/MTP Fiber Optic Adapter for High-Density Networks

High-performance OM4 MPO/MTP fiber optic adapter with low insertion loss (≤0.35dB), durable design (≥500 cycles), and multi-fiber support (8-72 cores). Ideal for data centers, LAN, and telecom

ClearCurve® Multimode Fiber | High Data Rate Laser

ClearCurve multimode laser-optimized, bend resilient fibers are widely deployed to deliver high data rate, low latency transmission. As the inventor of bend

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

Find high-quality fiber optic pigtails for reliable network termination. We offer a full range of single mode and multimode pigtails with SC, LC, ST, and FC connectors.

Addon Networks Add-Mpompo-180M5Om4 Fibre Optic Cable 180 M Mpo Om4

© 2026 EXF OPTICAL NETWORKS - All rights reserved

180m MPO (Female) to MPO (Female) 12-strand Aqua OM4 Crossover Fiber OFNR (Riser-Rated) Patch Cable AddOn Networks ADD-MPOMPO-180M5OM4. Cable length: 180 m, Fibre optic type:

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: https://explosivefunctions.co.za
Technical inquiry: https://explosivefunctions.co.za/contact.html
EU project coordination: Parque das Nações, Lisbon, Portugal

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 EXF OPTICAL NETWORKS - All rights reserved