

Om33-meter fiber optic cable



Overview

OM3 Multimode Cables are high-performance optical fiber cables with a 50µm core, supporting up to 300 meters at 10 Gbps and 100 meters at 40 Gbps, OM3 cables operate efficiently at 850 nm wavelengths, offering improved bandwidth and reduced modal dispersion. OM3 Fiber Optic are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for OM3 Fiber Optic. Multimode Fiber (MMF) has a core diameter, typically 50–100 micrometers, has ability to transfer multiple modes of light through the fiber core, uses lower-cost electronics (LED, VCSEL) operates at the 850 nm and 1300 nm wavelength and is used for short distance interconnections (up to 550m). Multimode fiber (MMF) is a kind of optical fiber mostly used in communication over short distances, for example, inside a building or for the campus. OM3 increases transmission distance by 200 meters when compared to the OM2 fiber specification. Additionally, OM3 fiber increases optical bandwidth from 500/500 MHz*km to 1500/1500 MHz*km, essentially tripling the data and. OM3 multimode fiber optic cable also has a core diameter of 50 microns, but it offers an increase in transmission rate and distance over OM2.



Article Content

Hot

OM3 vs OM4 Fiber Optic Cables: Key Differences Explained

OM3 vs OM4 fiber optic cables explained. Compare performance, distances, and key differences for your network setup.

Aug 10, 2025 Hot

Multimode Fiber Optic Cable Types: OM1 vs OM2 vs

Multimode fiber optic cable types OM1, OM2, OM3, OM4 and OM5 compared for core size, bandwidth, speed, distance & applications in modern

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OM3 Multimode Fiber Optic Patch Cables for 10G

FS offers OM3 multimode fiber optic patch cables 50/125 with bend insensitive fiber design that is optimal for 10G fiber optic cabling with ultra low link loss.

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Fiber Optics and Types

Fiber optic cables are used for long-distance and high-performance data networking. They are capable of transmitting data over longer distances and

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StarTech

StarTech 450FBLCLC15 15 m OM4 LC to LC Multimode Duplex Fiber Optic Patch Cable- Aqua - 50/125 - Fiber Optic Cable - 40/100Gb - LSZH (450FBLCLC15)

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Guide to Multimode Fiber: OM1, OM2, OM3, OM4, OM5

We've spoken frequently in the past about the difference between single mode and multimode fiber. Multimode fiber can also be divided into 5

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RS PRO OM3 OM3 Multimode Fibre Optic Cable, 6 mm

With eight OM3 fibre cores providing a reliable cable for communication over short distances. The robust outer insulation ensures the cable is resistant to abrasion

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WAVE2WAVE W-IGNITE MM SC-SC DUPLEX 50UM OM3 FIBER OPTIC PATCH-CABLE

WAVE2WAVE W-IGNITE MM SC-SC DUPLEX 50UM OM3 FIBER OPTIC PATCH-CABLE,
118-FEET \$39.50\$122.00 7% off

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OM3 Fiber Optic Cables – Mouser

OM3 Fiber Optic Cables are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for OM3 Fiber Optic Cables.

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OM3 Multimode Cables

OM3 Multimode Cables are high-performance optical fiber cables with a 50µm core, supporting up to 300 meters at 10 Gbps and 100 meters at 40 Gbps, OM3 cables operate efficiently at 850 nm

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Fibre Optic Cable

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

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OM3 Fiber Optic – Mouser

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

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24 Strand Indoor OM3 Fiber Optic Cable | Fiber By the Foot

This cable is perfect for headend termination to a fiber backbone, termination of fiber rack systems, multi-floor deployment where select fibers are used at each floor, or intra-building backbones. It is

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OM1 vs OM2 vs OM3 vs OM4 vs OM5 Multimode Fiber

Compare OM1, OM2, OM3, OM4, and OM5 multimode fiber specs, distances, bandwidth, and applications. Essential guide for data center fiber

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Multimode OM3 Fiber-Optic Cable | McMaster-Carr

Choose from our selection of multimode OM3 fiber-optic cable in a wide range of styles and sizes. Same and Next Day Delivery.

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OM3 Fiber Optic Cables

OM3 fiber is designed with VCSEL, in line with ISO/IEC11801-2nd OM-3 fiber specification, to meet the needs of 10-Gigabit Ethernet applications. Om3 fibers

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StarTech

StarTech 10m 33ft LC to LC UPC OM4 Multimode Fiber Optic Cable Erika Violet 50/125 100G Uniboot Fiber Jumper Cord OFNR Riser OM4RLCLC10M

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Ukraine Discloses New Method To Defeat Russian Fiber

FPV drones hunting fiber-optic FPV drones in part takes advantage of the latter's greatest advantage and turns it into a vulnerability. While the cables

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Multimode Fiber Types: OM1 vs OM2 vs OM3 vs OM4

OM1 fiber typically comes with an orange jacket and have a core size of 62.5 μm . It can support 10 Gigabit Ethernet at lengths of up to 33 meters. It is

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3M Fiber Cable

3M Fiber Optic Cable - OM3 Multimode ST to ST 10 GB OM3 fiber optic patch cables feature an extremely high bandwidth--almost 3x that of a typical multimode cable! These cables are suitable for

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Fiber Optic Cable Types Explained

Our comprehensive guide to types of fiber optic cables. Learn all about the differences between single mode and multimode cables, as well as the various

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Multi-mode optical fiber

Multi-mode optical fiber is a type of optical fiber mostly used for communication over short distances, such as within a building or on a campus. Multi-mode links can

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Aluminum Interlocking Armored Cable, MM 50/125µm, Aqua Plenum -OM3, 6 fiber

Serviced Fujikura 70S Fiber Optic Fusion Splicer SM MM ARC 24948 CT-30 Cleaver
£1,525.75

Aug 02, 2025 Hot

Fiber Optic Cables

CommScope designs and manufactures a comprehensive line of fiber optic cables—from outside plant to indoor/outdoor and fire-rated indoor fiber cables.

Mar 17, 2026 Hot

OM3 Fiber Cables | 10G OM3 Multimode Patch Cables

OM3 fiber cables feature Optical Multimode 3 (OM3) fiber rated for 10G. OM3 increases transmission distance by 200 meters when compared to the OM2 fiber specification.

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Fiber Optic Cable

FiberCables manufacturers and sells fiber cables and accessories. We strive to make our site the easiest and most affordable way to buy fiber optic cable.

Nov 21, 2025

Contact Us

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