

Bulgaria Long Distance Optical Cable OM4



Overview

OM4 is multimode 50/125 fibre that supports 10G Ethernet over a pair of fibres at distances of up to 550 metres. Mouser offers inventory, pricing, & datasheets for OM4 Wire & Cable. To recap Optical Fiber can be divided into Multimode Fiber (MMF) and Single-Mode optical fiber (SMF). 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. OM4 patch cables stand at the forefront of high-speed connectivity, embodying versatility and resilience precisely when speed and reliability are paramount in our digital age. With a 50-micron core, they redefine networking dynamics, making significant strides in short-distance transmissions. Representative of Sumitomo, EXFO, Trend Network and Euroclust for Bulgaria. 5um core diameter multi-mode fiber with a full injection bandwidth of 200/500MHz.



Article Content

OM4 Fiber Optic Cable

OM3 and OM4 fiber optic cables are typically used in data center cabling environments, supporting the transmission of 10G or even 40/100G high-speed

What is OM4 Fiber?

OM4 fiber supports Ethernet, Fibre Channel, and OIF applications, allowing extended reach upwards of 550 meters at 10 Gb/s for ultra long building backbones and

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

OM4 Fiber Optic Cables

Shop high-performance OM4 fiber optic cables at Dell for reliable and fast data transmission. Ideal for all your networking needs.

A Practical Guide to Choosing Outdoor Fiber Optic Cables

Discover the best outdoor fiber optic cables for your network needs. Learn about different cable types, including loose tube, aerial, and armored

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

TN_OM3, OM4, OM5 Distance and Speeds

Ideal for longer-distance 10G connections over a pair of fibres within data centres and enterprise environments. It also supports 40G and 100G Ethernet using parallel optics over the same distance.

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

Another common type of optical fiber is the single-mode fiber, which is used mainly for longer distances. How Many Types of Multimode Fiber?

400G Optical Modules Explained: SR4 Vs. DR4 Vs. FR4

Key differences between SR4, DR4, FR4, and LR4 400G optical modules. Expert advice from Asterfusion engineers to optimize your data center

TN_OM3, OM4, OM5 Distance and Speeds

Introduction OM3, OM4, and OM5 are types of multi-mode optical fibres commonly used in data centres and enterprise environments to support various network speeds and transmission distances,

OM3 And OM4 Fiber Cable for 10G/40G/100G Network

The minimum OM3 and OM4 fiber cable bandwidth at 850nm: OM3 2000 MHz·km; OM4 4700 MHz· km. The higher bandwidth available in OM4 means a smaller

How Far Can OM4 Multimode Fiber Transmit? | TTI Fiber

At 10 Gbps, OM4 can transmit up to 550 meters. At 40 Gbps, it can cover around 150 meters. At 100 Gbps, OM4 works reliably up to 100 meters. This makes OM4 ideal for large-scale

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

OM4 Multimode Fiber FAQ: High-Speed Connectivity

OM4 (Optical Multimode 4) is a type of multimode fiber optic cable that is designed to support higher data rates and longer distances compared to

OM4 Multimode Fiber FAQ: High-Speed Connectivity

While OM4 fiber is optimized for short-distance applications, its performance is excellent for distances commonly found in data centers. For

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.

Fibre Optic Cable

Multiple Applications: Fibre optic technology is used in a variety of applications, including internet connections, telephone networks, cable television, data centres, medical equipment, and military

OM3 vs OM4: Key Differences and Practical Applications

Discover OM3 vs OM4 differences and their practical uses. Enhance your understanding of fiber optic cabling with our informative guide.

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

OM4 Fiber Optic Cable

OM4 fiber optic cable is mainly used for 10G, 40G and 100G Ethernet, is the optimized version of OM3 fiber optic cable, so all aspects of performance than

OM4 Wire & Cable – Mouser Bulgaria

OM4 Wire & Cable are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for OM4 Wire & Cable.

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

When comparing fiber optic cable OM3 vs. OM4, the most important technical differences relate to modal bandwidth, supported Ethernet speeds, and maximum transmission distance.

Fiber Optic Cables

Fiber Optic Cables, Optical communications, optical communication systems, consulting, design, splicing, testing of fiber optic lines, localization and elimination of damages. Representative of

OM4 Optical Fiber Cabling Guide | Cablek

It is important to note that OM4 glass is not necessarily designed to be a replacement for OM3. Despite the relatively long-standing availability of OM4, there are no plans to obsolete OM3 fiber optic

Multimode Fiber Types: OM1 vs OM2 vs OM3 vs OM4

How Many Types of Multimode Fiber? Identified by ISO 11801 standard, multimode fiber optic cables can be classified into OM1 fiber, OM2 fiber,

What You Need to Know About OM4 Fiber Optic Cables

In the world of data communications, OM4 fiber optic cables have become a key ingredient for high-speed network applications. These cables are

OM4 Fibre Optic Cables – Mouser Europe

OM4 Fibre Optic Cables are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for OM4 Fibre Optic Cables.

Different Fiber Optic Cable and supported distance

What are the differences between OM1, OM2, OM3, OM4, and OM5 fiber optic cables, and what are their supported distances for different Fiber Channel speeds?

OM3-OM4_6p_CorrP1_HR

MaxCap-OM4 blue print for new OM4 standard Draka is already able to conform to OM4 specifications with its MaxCap-OM4 multimode fiber, putting it in the forefront in replying to industry requirements

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

Table of Contents In modern Ethernet networks, choosing the right multimode fiber optic cable can significantly impact bandwidth, scalability, and long-term infrastructure costs. Two of the

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.tooltechnologyapplication.com.pl>

Email: info@tooltechnologyapplication.com.pl

Phone: +49 69 3527 4819

Address: Neue Mainzer Straße 66, 60311 Frankfurt, Germany

This document is for informational purposes only. Specifications subject to change without notice.

