Bulk purchase of large-core OM4 optical fiber

Overview

Bulk Multimode OM4 Fiber | Fiber By the FootOur bulk multimode OM4 50/125 bulk unterminated fiber includes all jacket types, is in stock, cut to your custo.

Key Takeaways

OM4 multimode fiber (50/125 µm) is ideal for high-speed, high-bandwidth applications and is widely available in bulk from multiple suppliers with customizable options. Overview of OM4 FiberOM4 fiber is a 50-micron core multimode fiber designed for high-speed data transmission, supporting 10G, 40G, and 100G Ethernet over extended distances compared to OM3. It is optimized for data centers, enterprise networks, and high-performance computing, offering low attenuation, high bandwidth, and reliable connectivity for short- to medium-range optical links.

OM4 increases the available bandwidth from 2,500 MHz to 4,700 MHz, extending 10 Gigabit runs from 300 meters to 550 meters.

Bulk Options and Configurations

Bulk OM4 fiber is available in various configurations to suit different installation environments: Indoor, indoor ultra-thin micro armor, indoor interlocking armor, indoor/outdoor, and outdoor jacket types. Plenum-rated jackets for fire safety compliance in air-handling spaces. Armored cables for enhanced durability and crush resistance in industrial or high-traffic areas.

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Distribution and breakout styles for flexible deployment in data centers or backbone networks. Lengths can be customized, with many suppliers offering cut-to-length options and fast shipping, often within 24 hours.

Suppliers for Bulk Purchase

Several suppliers provide bulk OM4 fiber with factory testing and certification: Warehouse Cables: Offers OM4 fiber in bulk, including custom-built trunk and multi-fiber breakout cables, ready for immediate deployment.

Lan

Shack: Provides OM4 fiber by the foot with multiple jacket types, suitable for indoor and outdoor installations, including micro-armored and interlocking armored options. L-com: Supplies bulk OM4 fiber in duplex, breakout, and distribution styles, with same-day shipping available.

Cable

Wholesale: Offers 1000 ft spools of 12-fiber OM4 indoor/outdoor cable with Corning ClearCurve® fibers, water-blocking Aramid yarn, and PVC jackets, compliant with TIA/EIA and IEC standards.

Considerations for Bulk Purchase

Installation environment: Choose indoor, outdoor, or armored cables based on exposure to physical stress or environmental conditions. Compliance: Ensure cables meet TIA/EIA, IEC, and UL standards for safety and performance. Bandwidth and distance requirements: OM4 is suitable for high-speed links up to 550 meters at 10G; longer distances may require singlemode fiber.

Customization: Many suppliers offer cut-to-length, pre-terminated, or custom assemblies to reduce field termination work. Bulk OM4 fiber is widely available and can be tailored to your network's specific needs, ensuring high-speed, reliable, and scalable connectivity for enterprise or data center applications.

Article Content

Bulk Multimode OM4 Fiber | Fiber By the Foot

Our bulk multimode OM4 50/125 bulk unterminated fiber includes all jacket types, is in stock, cut to your custom length, and usually ships within 24 hours.

Bulk Fiber Optic Cable

Our bulk fiber optic cable is an optimal choice for a variety of applications, including data center connectivity, enterprise networks, industrial automation, military and government applications and

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Bulk Fiber Optic Cables for Internet | CableWholesale

CableWholesale is a fiber optic products supplier with a variety of cables, connectors, and converters at wholesale prices. These cables specialize in quick data transfer over long distances, making them

OM4 Multimode Bulk Cable

Add to cart Quick view OM4 Multimode Bulk Cable OM4 Multimode 50 Micron 3mm Indoor Micro-Distribution - OFNP Plenum Fiber Bulk Cable (per meter) - 12

Plenum 2-Strand Fiber Distribution Cable, Corning OM4

This is an aqua 1000 foot spool of plenum fiber optic distribution cable intended for large installations of short range runs at 10 Gigabit speeds. It is composed of 2

Bulk Fiber

Shop our selection of bulk fiber optic cable engineered for high-speed data communications in enterprise networks, data centers, campus backbones, and

OM4 Multimode Fiber Optic Cables for 40G/100G

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.

Bulk Fiber Optic Cables

Fiber Optic Cables have advantages over traditional long-distance copper cabling and Primus Cable takes pride in offering high quality Bulk Fiber Cable, that support high capacity network bandwidths.

Bulk 50/125 OM4, 100 Gigabit Rated Multimode Fiber Optic ...

This revolutionary OM4 50/125 Multimode cable is capable of handling up to 100 Gigabits of throughput! These cables are constructed from the highest quality silica and are 100% factory tested.

Fiber Optic Pigtail: Types, Splicing Guide, Specs & Price

Fiber optic pigtail guide : SC/APC & LC/UPC connectors, 0.9/2.0/3.0 mm buffers, single-mode and multimode types, fusion splicing steps, price ranges, specifications, and how to

Fiber Optic Products Supplier & Manufacturer

As the leading fiber optic products supplier with more than 10 years of experience, Bonelinks is specializing in designing, manufacturing and providing fiber optic products & accessories for customers.

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

8 Best Fiber Optic Patch Cables for Data Centers (July

Discover the best fiber optic patch cables for data centers in 2026. Expert reviews of 8 top-rated OM3, OM4, and OS2 cables for reliable

All Kinds of Fiber Optic Patch Cords – SC, LC, FC, ST Explained

Learn about SC, LC, FC, and ST fiber optic patch cords, their uses in FTTH, telecom, and data centers, and how to choose the right type.

Fiber Optic Bulk Cables

Fiber Optic Bulk Cables for Performance and Security If the demand for more bandwidth is putting a constant strain on your Local Area Network, Corning ® Glass, fiber optic cables may be the answer.

Bulk Fiber Optic Cables for Internet | CableWholesale

In general, singlemode Ethernet fiber optic cable has a core that usually measures 9. On the other hand, multimode fiber optic cable has a larger core (usually 50 microns), which often equates to a lower

Bulk Fiber Indoor Plenum Distribution Cable | OM4 MM

Low-loss Corning® OM4 multimode bulk fiber indoor distribution cable, bend-insensitive, OFNP plenum-rated. UL listed. ANSI/TIA 568.3-E compliant.

Bulk Multimode Fiber Optic Cables

Upgrade your network with our bulk Multimode fiber optic cable collection. Featuring OM4 multimode fiber and 10 Gb/s up to 550 meters for high-speed data transfer

Bulk Fiber Optic Cable, Single mode/ Multimode, OS2, OM1, OM2, OM3

Fiber Savvy carry LC, ST, and SC connectivity, single mode or multimode fiber optic cable, media converters, duplex and simplex cable, plenum bulk fiber, all at various lengths and sizes. When

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Contact Us

Continue your research online:

Website: https://cgweb.co.za
Technical inquiry: https://cgweb.co.za/project-enquiry.html

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

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved