

Om4 fiber optic sheath color



AI Overview

The standard jacket color for OM4 multimode fiber optic cables is aqua (turquoise). Jacket Color OM4 fiber, a laser-optimized multimode fiber (LO-MMF) standardized in 2009, is designed for high-speed data transmission with a modal bandwidth of 4700 MHz·km, supporting 10G, 40G, and 100G Ethernet over longer distances than OM3. To visually distinguish OM4 from other multimode fibers, the cable jacket is colored aqua (turquoise), whereas OM1 and OM2 use orange jackets, and OM3 also uses aqua but with slightly lower bandwidth. This color coding ensures quick identification during installation and maintenance.

Fiber Core Color Coding

Inside the OM4 cable, individual fibers are tight-buffered and color-coded according to the TIA-598-C standard for multimode fibers. The standard 12-fiber sequence is: Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua/Turquoise. For cables with more than 12 fibers, the sequence repeats with a black stripe or tracer to differentiate groups. This system minimizes errors during splicing and termination.

Summary

OM4 Jacket Color: Aqua/Turquoise
Fiber Core Colors: Standard 12-color TIA-598-C sequence, repeated for higher fiber counts
Purpose: Quick visual identification of fiber type and performance capability, ensuring proper network installation and maintenance. This color coding is widely adopted globally, providing consistency across installations and helping technicians avoid miswiring or misidentification.



Article Content

TAA Compliant Fiber Patch Cable LC-LC MM 50/125

TAA Compliant Fiber Patch Cable, LC-LC, UPC, Multimode 50/125 Micron OM4, Duplex, 1.8mm OFNR Rated and available today at Cables Plus USA.

Opti-Core Fiber Optic Indoor-Outdoor

The Opti-Core Fiber Optic family of cables shall contain 4 to 72 optical fibers. The fibers shall be tight-buffered for easy termination with field-installable connectors. The cables shall be flame rated for use

Fiber Optic Color Code Explained: Jacket, Connector

When you see an aqua-colored connector, you're likely dealing with OM3 or OM4 multimode fiber. These are optimized for VCSEL lasers and high

Fiber Color Code Guide: Latest EIA/TIA-598 Standard

Learn the latest EIA/TIA-598 fiber color codes for jackets, inner fibers, and connectors. A complete guide for accurate fiber identification.

Fiber Optic Cables | Fiber Patch Cables | Patch Cords,

Fiber Patch Cables, Multimode & Singlemode Duplex Fiber Optic Cables, Secure Order Fiber Patch Cords, Preferred Mil. Edu. Gov. Pricing, Same Day Shipping

Recognizing Multimode Fiber Types by Color

However, some manufacturers introduced the color violet to designate OM4 (including Leviton). This color designation is important to differentiate the two

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

Buy IT Solutions Eaton N820-04M-OM4 InfiniBand/fibre optic cable

Eaton N820-04M-OM4 InfiniBand/fibre optic cable 157.5" (4 m) 2x LC MMF Aqua color

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.

Optical fibre | Electronic accessories wholesaler with top brands ...

Fibre Optic Cable, Multimode (OM4) Violett optical fibre (FOC), LC-UPC male > SC-UPC male, halogen-free cable sheath (LSZH) €14.99 RRP Article: 95943, Bulk, 1 m 8 further products Cable length 0.5 m

Fiber optic color standard: Yellow, aqua, or orange?

Fiber optic cables are available in a wide range that varies according to use, length, diameter, etc. Giving each one a specific color allows better and

Strategic Ranking Of Chinese Fiber Optic Manufacturers in 2026

Focuses on high-density MPO/MTP connectivity, outdoor harsh environment fiber solutions, and fiber optic cable assembly production technology. In 2026, amidst the global explosion

Fiber Optic Color Code Guide | PHILISUN

This guide decodes the crucial color codes on fiber optic cable jackets, patch cords, and connectors (UPC, APC, MPO), linking visual cues

TLC Micro-Distribution Cable with Aluminum Interlocking Armor 48 Fiber ...

Plenum-Rated Jacket: Features a plenum-grade outer sheath, meeting stringent fire safety standards for use in air-handling spaces. ClearCurve Multimode Technology: Utilizes bend-insensitive OM4 fiber to

Used DIGITUS DK-2522-02-4 – Fibre Optic Cable OM4 – 2 m

Description: DIGITUS Fiber Optic Patch Cord, SC to SC Multimode OM4 - 50/125 µ, Duplex, color RAL4003 Length 2m - Duplex cable - LSOH - Connector with ceramic ferrule - Cable diameter 3 mm

Varia OM4 Fiber Patch Cable Duplex LC-LC Uniboot Violet 2m LSZH

VARIA's Uniboot fibre-optic patch cables are used whenever fast and reliable data transmission is required. Thanks to their small cable diameter of just 2.4 mm, they allow for high packing density and

Fiber Optic Cable Types: Single-Mode, Multimode, and

Discover fiber optic cable types, including single-mode (OS1, OS2) and multimode (OM1, OM2, OM3, OM4, OM5), indoor/outdoor variants, and how

MPO/MTP-16 Female to Female OM4 Fiber Patch Cable | Type B

The COMNEN MPO/MTP-16 to MPO/MTP-16 Multi-mode OM4 Fiber Patch Cord is an enterprise-grade high-density optical interconnect engineered for modern cloud networks and direct 400G/800G

Fiber Optic Connectors

Experience seamless connectivity with our OmniSplice™ fusion splice LC fiber optic connector. Designed for easy deployment, offering durability and performance for data center and enterprise

MPO/MTP-24 Female to Female OM4 Fiber Patch Cable | Type C

The COMNEN MPO/MTP-24 to MPO/MTP-24 Multi-mode OM4 Fiber Patch Cord is an ultra-high-density optical interconnect engineered for structured enterprise data centers, core switch aggregation, and

Multimode Fiber Types: OM1 vs OM2 vs OM3 vs OM4

Identified by ISO 11801 standard, multimode fiber optic cables can be classified into OM1 fiber, OM2 fiber, OM3 fiber, OM4 fiber and newly released

Optical Fiber | Optical Fiber Products | Corning

Optical fiber broadband brings together a culture of innovation, quality, and manufacturing excellence to create life-changing products.

LCS³

OM4 multimode pigtail with 1m tight-core 50/125µm fiber, LC connectors, and LSZH sheath ensures high optical performance and reliable, low-loss connections for demanding data center applications such

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

Colored Fiber OM4 50/125 Multimode Fiber Optic Patch Cable

Choose from 12 colors, 13 lengths, 4 cores, and 10 connector combinations. Color-code fiber networks for different applications, departments, and security levels.

Best Premade Fiber Optic Cables for Outdoor and Indoor Use

Answer: These ready-made fiber optic cables are designed for fast, reliable installations in harsh outdoor and high-density indoor settings. They suit contractors, IT professionals, and DIY

Fiber Color Codes Explained: OM1, OM3, OM4, OM5 & Singlemode Colors

Confused by fiber optic cable colors? Learn what OM1, OM3, OM4, OM5, and Singlemode fiber colors mean, how to identify each cable, and avoid installation mistakes.

Contact Us

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