

Multimode fiber optic patch cord colors



Article Overview

Multimode fiber optic patch cords are color-coded by type: OM1 and OM2 are orange, OM3 is aqua, OM4 is violet, and OM5 is lime green.

Standard Color Coding

Multimode fiber patch cords use distinct jacket colors to indicate fiber type, which helps technicians quickly identify the correct cable for a network application:

- OM1 (62.5/125 μm): Orange jacket, typically used with LED light sources for short-distance 100 Megabit Ethernet applications .
- OM2 (50/125 μm): Orange jacket, supports up to 10 Gigabit Ethernet at shorter distances, also LED-based .
- OM3 (50/125 μm , laser-optimized): Aqua jacket, designed for 10 Gigabit Ethernet and higher-speed laser-based equipment .
- OM4 (50/125 μm , enhanced laser-optimized): Violet or sometimes aqua jacket, backward compatible with OM3, supports longer 10 Gigabit links and higher-speed applications .
- OM5 (50/125 μm , wideband multimode): Lime green jacket, optimized for multiple WDM channels, supporting high-speed data transmission over short distances .

Connector Color Coding

In addition to jacket colors, connector colors can also indicate fiber type:

- Beige connectors: OM1/OM2 multimode fibers...

Article Content

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Fiber Optic Cable Color Codes

Color codes make it easy to identify these patchcords which all have SC connectors: aqua cable and connector indicate 50/125 laser

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OM3 LC LC Fiber Patch Cables, 0.2m (0.66ft) OM3

OM3 LC to LC Multimode Duplex Fiber patch cords is specially designed for connecting 10G SR, 40G BIDI

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Fiber Optic Patch Cord Guide: Single-mode vs Multimode | How to

A fiber optic patch cord is a high-speed cable used to connect network devices (switches, servers, routers) in data

Dec 05, 2025

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

Since the earliest days of fiber optics, multimode cables have typically been color-coded orange, black, or

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Fiber Patch Cable Color Code: The Complete Guide

Because it could help us identify individual fibers, fiber patch cables and fiber connectors, it's really important to know

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Fiber Optic Color Code: Comprehensive Guide | BradyID

Connector colors Color codes are also used to identify the type of connector used on a fiber optic patch cord. Beige or black:

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Fiber Optic Patch Cord Types Explained: SC, LC, MPO & How to

Discover all major fiber optic patch cord types—including SC, LC, ST, MPO/MTP—and learn how to choose between

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Standard Multimode Fiber Patch Cables | Multi-mode Optical Fibers

Features Custom Multimode Patch Cables Use Model Number F-PATCH-CUSTOM to configure a custom fiber-optic patch cord

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Fiber Color Code: A Simple Guide for Beginners (2024)

Connector Color Code Now, let's talk about the fiber color codes of optical connectors. In general, we can use different

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What Are indoor Fiber Optic patch cables Types?

Multimode fiber optic cable jacket color is usually orange. Here is the explanation of what is multimode and multimode

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Color Identification of Fiber Optic Patch Cords

Fiber optic patch cords come in various colors, aiding in connector type identification. For instance, standard multimode OM1/OM2

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Opti-Core Fiber Optic Colored Patch Cords

Fiber optic patch cords shall provide interconnect and cross-connect applications over installations in entrance facilities,

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Multimode Patch Cables

FIBERTRONICS Multimode Patch Cables have a larger diameter core than Single-mode, allowing multiple modes of light to propagate.

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Recognizing Multimode Fiber Types by Color

However, there are some non-standardized colors and inconsistencies that you should be aware of. Let's

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A Beginner's Guide To Fiber Color Code: Simplifying Optical

Fiber optic patch cords utilize color coding to identify connector types. Standard multimode OM1/OM2 cords come in

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Understanding Fiber Optic Cable and Connector Colors

Remember the fiber tip at some point will connect or mate with another fiber assembly or a piece of equipment. With

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Fiber Color Code: Complete Guide to Mastering Identification

Colored outer jackets or prints may be applied to outside plant and premises fiber cables, such as fiber distribution

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Understanding Fiber Patch Cord Types

Choosing the right fiber optic patch cord is vital for ensuring network reliability and performance. Whether you opt for a LC to LC

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Multimode Fiber Optic Patch Cables

Thorlabs offers a variety of step-index and graded-index multimode fiber optic patch cables with standard FC/PC or SMA connectors,

Contact Us

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