

Multimode dual-core fiber optic cable 5 meters lc-lc interface self-operated



AI Overview

A 5-meter multimode dual-core LC-LC fiber optic cable is available in OM2, OM3, and OM5 types, featuring duplex LC connectors, LSZH jackets, and high-speed data support for Ethernet and SFP/SFP+ applications.

Key Features

- Fiber Type and Core/Cladding:** Available in OM2, OM3, and OM5 multimode 50/125 μm fiber, supporting high-speed data transmission over short to medium distances.
- Connectors:** Duplex LC-LC connectors on both ends, pre-terminated for easy plug-and-play installation.
- Length:** 5 meters, suitable for patching between switches, transceivers, or media converters in racks or data centers.
- Jacket Material:** LSZH (Low Smoke Zero Halogen) for safety in poorly ventilated areas, reducing toxic smoke in case of fire.
- Bandwidth and Performance:**
 - OM2: Supports 1–10 Gb Ethernet up to 300 meters.
 - OM3: Optimized for 10/40/100 Gb Ethernet up to 300 meters.
 - OM5: Wideband multimode fiber supporting multiple wavelengths (850–950 nm) for 40/100 Gb Ethernet and future SWDM applications.
- Durability:** Premium construction with ceramic ferrules and protective jackets ensures low insertion loss, high return loss, and long-term reliability.
- Compatibility:** Works with SFP/SFP+ transceivers, routers, switches, patch panels, and media converters, and is backward compatible with OM3/OM4 networks for future-proofing.
- Applications**
 - Data Centers:** High-speed interconnects between servers, switches, and storage devices.
 - Enterprise Networks:** Reliable LAN and SAN connections.
 - Telecommunications:** Shortwave wavelength division multiplexing (SWDM) and high-bandwidth fiber links.
 - Home Labs or Small Networks:** Easy-to-install patching for testing or expansion.
- Additional Considerations**
 - Polarity and Identification:** Duplex fibers are labeled for correct polarity alignment, ensuring proper data flow.
 - Environmental Ratings:** Many cables are rate...

Article Content

5M LC LC Multimode Fiber Patch Cables 5 Meter | OM3

Terminated with durable ceramic ferrule LC connectors, this high bandwidth 10Gig multimode cable has Corning optical fiber glass for high speed, low loss, fibre

Amazon : Lc To Lc Fiber Patch Cable

FLYPROFiber- LC to LC Fiber Patch Cable 1M/3ft, OM3 Multimode Fiber Optic Cable Cord, 10GB/40GB, Duplex, 50/125um, LSZH, Options: 0.2m-200m 300+ bought in past month Save 5%

Pre-Terminated Fiber Optic Cable Assemblies

Premium Custom Pre-Terminated Fiber Optic Assemblies made in the USA with Corning Glass! Fully tested, Super-Fast Lead Times, Over 20+ Years Experience!

LC to LC Multimode Fiber Patch Cable, 5 Meter, OM5 | Eaton

OM5 Duplex Multimode 50/125 Fiber Patch Cable is a wideband multimode fiber (WBMMF) solution that supports at least four wavelengths in the 850-950 nm range. This LC to LC multimode fiber optic

OM3 50/125, IP67 Multimode Fiber Cable, Dual LC / Dual LC, 5.0m

These rugged Multimode assemblies feature robust outdoor rated cable, which stands up to hostile environments. Each assembly is 100% functionally tested and is covered by a 1-year manufacturer

Amazon : YUTIANHOME 5 Meters 4 Core OM3

4 Core OM3 Multimode LC Industrial TPU Fiber Optic Patch Cable: Industrial TPU Jacket features strong tensile strength, high abrasion resistance, water proof,

Amazon : Multimode Fiber Cable

Shop durable fiber optic cables with LC, ST, and SC connectors. Perfect for SAN networks, servers, and enterprise installations.

LC to LC Multimode Fiber Patch Cable, 5 Meter, OM5 | Eaton

Use this five-meter 50/125 multimode fiber cable with economical VCSEL light sources. It's OM5 rated to support multiple wavelengths in high-bandwidth networks.

LC to LC 5M, Multimode Fiber Optic Patch Cable,

This fiber optic patch cable is a great solution for high speed 10Gbps data transmission between two LC connections. With an OM3 multi-mode fiber core,

15 Feet (5 Meters) Armored OM4 LC to LC Fiber Patch

Armored OM4 LC Fiber Cable: Surrounded by tough stainless steel tube, which can provides additional crush and rodent protection 2-Strand OM4 Multimode Fiber

5M Fiber Cable

5M Fiber Optic Cable - OM4 Multimode LC to LC OM4 fiber optic patch cables feature an extremely high bandwidth--4700MHz*km, more than any other mode.

The FOA Reference For Fiber Optics

Prior to system turn up, test the insertion loss of the cable plant with a source and power meter to ensure that it is within the loss budget. The idea of a loss budget is to ensure the network equipment

5m (16.4ft) LC to LC (UPC) OM5 Multimode Fiber Optic Cable,

WIDE COMPATIBILITY: OM5 multimode cable supports 10/40/100G networks; Backward compatible with OM4/OM3; High micro-bending resistance facilitates tight bends in intricate installations, ideal

Gigabit Ethernet

1000BASE-T-capable network interface card made by Intel, which connects to a computer via PCI-X There are five physical layer standards for Gigabit Ethernet

StarTech 5m Fiber Optic Cable

From the manufacturer Fiber Optic Cable - Multimode Duplex 62.5/125 - LSZH - LC/ST - 5 m The 5-meter (16ft) Multimode 62.5/125 Duplex Fiber Patch Cable is

OM5 Wideband Fiber Optic Cable, LC/LC, Lime Green,

This 5-meter (16-foot) cable is terminated with LC (Lucent Connector) connectors on both ends. All OM5 cables are multimode duplex with a core size of 50/125 microns.

Contact Us

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