

# Complete List of Multimode Logging Optical Cable Models



## Overview

This guide explains the five generations of multimode fiber - OM1, OM2, OM3, OM4, and OM5 - covering their physical characteristics, color coding, bandwidth, maximum distances at different data rates, optical sources (LED, VCSEL, SWDM), and real-world applications in. This guide explains the five generations of multimode fiber - OM1, OM2, OM3, OM4, and OM5 - covering their physical characteristics, color coding, bandwidth, maximum distances at different data rates, optical sources (LED, VCSEL, SWDM), and real-world applications in. This Applications Engineering Note (AE Note) discusses the criteria for properly selecting the optimal multimode fiber (MMF) for enterprise applications. This AE Note classifies multimode fiber according to the following broad categories. All multimode fibers utilizing the above nomenclature should. Smart Filtering As you select one or more parametric filters below, Smart Filtering will instantly disable any unselected values that would cause no results to be found. To use the less than or greater than function, please select a value. This comprehensive guide explores Multimode Fiber Cable Types, covering technical specifications, deployment scenarios, and best practices to help you optimize your fiber infrastructure for maximum performance and reliability. Apart from the OM1 type, all of them are bending-optimized fiber incorporating technology to deliver enhanced macro-bending performance produced by a unique Plasma Chemical Vapor Deposition. ly compared to copper. The networked enterprise switches, video servers, blade servers and other applications can benefit from 10 Gigabit speeds in storage, system backup, surveillan and. 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 be used for data rates up to 800 Gbit/s.

## Article Content

### Fiber Optic Cable Catalog

Whether it's installing the very latest in cable manufacturing technology, or designing and building custom equipment for a one of a kind cable, we have the resources to maintain a technological edge ...

### The Ultimate Guide to SFP Modules (2026): Types, Speeds

Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the right transceiver for Cisco, Juniper, and more.

### Multimode Fiber Types: OM1 vs OM2 vs OM3 vs OM4 vs OM5 ...

A complete guide to multimode fiber types OM1, OM2, OM3, OM4, and OM5. Compare speed, distance, bandwidth, and applications, and learn how to choose.

### Step Index Multimode Fibers | Multi-mode Optical Fibers

Cabled graded index multi-mode fibers have an operating temperature of -40°C to +85°C, and are identified by the -C suffix in their model number. A high NA of 0.37 allows greater coupling ...

### Multimode Optical Fiber Selection & Specification

All multimode fibers utilizing the above nomenclature should be graded-index MMF and compliant with industry prevailing standards and terminology for optical fiber.

### Fiber Solutions Catalog

lications in the field. Optical Cables are composed of two main parts: the Optical Fiber cores, bought from widely recognized manufacturers and the Jackets that are designed to protect those cores and ...

### Multimode Fiber Data Sheet

All fibers are designed for use at 850 nm and/or 1300 nm. In addition, the fibers are suitable for use in premises wiring application like LAN's with video, data and or voice services using LED, VCSEL and ...

### Multimode Fiber Cable Types: OM1 vs OM2 vs OM3 vs OM4 vs OM5 ...

Compare all five multimode fiber grades — OM1 through OM5 — with full specs, bandwidth, distance limits, and real-world data center use cases. Learn which grade fits your ...

### Multimode Fiber Optic Cables - Mouser

Mouser offers inventory, pricing, & datasheets for Multimode Fiber Optic Cables.

OM1 vs OM2 vs OM3 vs OM4 vs OM5 Multimode Fiber Guide | EDGE Optical ...

Compare OM1, OM2, OM3, OM4, and OM5 multimode fiber specs, distances, bandwidth, and applications. Essential guide for data center fiber selection.

## Contact Us

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