

Om3 Multimode Armored Fiber Optic

Article Overview

OM3 multimode armored fiber optic cables are high-performance 50/125µm fibers designed for robust, high-bandwidth network applications with enhanced mechanical protection.

Overview and Design

OM3 multimode fiber cables use a 50/125µm core/cladding diameter optimized for laser-enhanced transmission, supporting data rates up to 10 Gbps and beyond over medium distances . Armored variants incorporate steel or aluminum interlocking armor to protect the fiber from physical damage, rodent attacks, and environmental stress, making them suitable for indoor plenum, riser, direct-bury, and outside plant (OSP) installations . The cables often feature a single-jacketed or gel-filled loose tube design, with rip cords for easy access to the fiber cores .

Key Features

- **High Bandwidth and Performance:** OM3 fibers provide reliable high-speed data transmission with low insertion loss and excellent signal integrity .
- **Armored Protection:** Steel or aluminum armor offers crush resistance, mechanical durability, and rodent protection, ideal for challenging environments .
- **Core Counts and Configurations:** Available in single-tube or multi-tube designs with core counts ranging from 4 to 96, accommodating diverse network requirements .
- **Flame Retardant and RoHS Compliant:** Many OM3 armored cables include flame-retardant jackets and are manufactured to meet RoHS environmental standards .
- **Ease of Installation:** Tight-buffered or loose-tube designs simplify termination, spli...

Article Content

Jan 28, 2026

OM1 Vs OM2 Vs OM3 Vs OM4 Vs OM5: Multimode Fibre Guide

Multimode optical fiber is the preferred choice for optical fiber communication systems due to its affordability and

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ClearCurve® Multimode Fiber | High Data Rate Laser

ClearCurve multimode laser-optimized, bend resilient fibers are widely deployed to deliver high data rate,

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Multi Mode OM3 Multi-Tube Armoured Fiber Optic Cables

Multi Mode OM3 Multi-Tube Armoured Fiber Optic Cables Techlogiks armoured loose tube cables are the product of choice as the

Jul 03, 2026

OM3 Multimode Duplex 3.0mm Armored Fiber Optic

The OM3 Multimode Duplex LC/SC/FC/ST 3.0mm Armored Fiber Optic Patch Cable is a dual-core fiber

Oct 30, 2025

Armored Plenum Corning Fiber Optic, OM3, Indoor/Outdoor

Fiber Savvy's Armored MultiMode OM3 Indoor/Outdoor Plenum Fiber Optic Cable is made from Corning Plus Fiber wrapped in a

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5 Meters 4 Core OM3 Multimode Industrial TPU LC to

Suitable for Various Harsh Installation Environments such as roads & snowfields

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Armored Fiber Optic Cables

Browse our armored fiber optic cables and patch cables today. We carry OM4 and OM3 fiber optical jumpers, 50/125 10G, 40G,

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Armored Fiber Optic Cables

The armored fiber optic cables come in single mode and multimode categories like OM1, OM2, OM3 and OM4. This category of fiber

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OM3 50/125 Multimode Fiber Optic Cable by the Foot

Our bulk multimode OM3 50/125 bulk unterminated fiber includes all jacket types, is in stock, cut to your

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Armored Simplex OM3 50/125 Multimode Fiber Optic Patch Cable

Armored patch cable can be deployed directly in different harsh environment, without additional tube for protection, save space,

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OM3 LC LC Armored Duplex Fiber Patch Cables 10G

OM3 LC LC Armored Duplex Fiber Patch Cables, 10Gb Multimode 50/125 Corning optical

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Custom OM3 Thin Indoor Armored Pre-Terminated Fiber Optic

The OM3 50/125 Multimode Ultra Thin Indoor Armored Pre-Terminated Fiber Optic Assemblies provide an advanced solution for

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Armored Duplex OM3 50/125 Multimode Fiber Optic

This armored fiber optic cable is constructed with highest quality components for unmatched durability and

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CableWholesale 500ft Aqua Armored 6 Strand Fiber Optic

CableWholesale 500ft Aqua Armored 6 Strand Fiber Optic Cable, Multimode OM3 50/125 Micron, Corning ClearCurve, Plenum

Dec 20, 2025

006T88-31180-A3 | MIC® Tight-Buffered, Interlocking

The fibers are grouped into jacketed subunits and surrounded by a dielectric

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OM3 Multimode Simplex Armored Fiber Optic Patch Cable

OM3 armored fiber optic patch cable for data centers and LANs. High-speed 10Gbps, versatile

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Multimode Fiber Optic Cable Types: OM1 vs OM2 vs OM3 vs OM4 vs

Multimode fiber optic cable types OM1, OM2, OM3, OM4 and OM5 compared for core size, bandwidth, speed, distance

Jul 30, 2025

Optical Fiber OM3 (50/125µm Multimode Fiber)

Datasheet: GD101699v5 850 nm LASER-OPTIMIZED 50/125 MULTIMODE OPTICAL FIBER IEC 60793-2-10 Type A1a.2 and

Nov 14, 2025

om3 multimode | Black Box

OM3 50/125 Multimode Bulk Fiber Optic Distribution Cable - Indoor, Interlocking Armored, Tight-Buffered, OFCP Plenum Run this

Sep 13, 2025

Armored OM3 Corning Optical Fiber

Product Description Our Steel Armored Fiber Optic Cable features Rodent Resistant Spiral Steel Armor, 6 strands of OM3 50/125um

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Multimode Fiber Optic Cable

Fiber Optic Cable, Tight Buffer, Multimode, 6 Strand, Bend Resistant, 50/125 Micron, Laser Optimized, OFNR, Non-Plenum, Riser,

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SteelFlex Armored OM3 Multimode Optic Fiber Cables

Inside of the SteelFlex armor resides OM3 fiber, this specification is considered the most cost-effective

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Armored Plenum Fiber Optic Cable, OM3, Indoor/Outdoor

Armored Multimode 50/125 OM3 Indoor/Outdoor Plenum Distribution Fiber Optic Cable with Corning Fiber

Oct 27, 2025

4 core OM3 Armoured Optical Fibre Cable Multimode LT

4 core OM3 multimode loose tube Optical fibre cable with corrugated steel tape armour LSZH outer jacket. Buy online, Cut to order,

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OM3 Armoured Fiber Cable Unitube

OM3 Armoured Fiber Cable Unitube Avalon Loose tube armored optical fiber cable (unitube) multimode type cable is designed with

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best om3 multimode fiber optic cable armoured

FAHAD CABLES provides high-strength om3 multimode fiber optic cable armoured multi core for use in various industrial, indoor,

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Multi Mode OM3 Uni-Tube Armoured Fiber Optic Cables

Multi Mode OM3 Uni-Tube Armoured Fiber Optic Cables Multi Mode OM3 Uni-Tube Armoured Fiber Optic Cables Techlogiks

Contact Us

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