

New Zealand Anti-Critical Fiber Optic Cable OM3



AI Overview

OM3 multimode fibre optic cables in New Zealand are high-performance cables designed for short-distance networks, offering fast, reliable data transmission for LANs, campus networks, and building backbones.

Overview of OM3 Fibre Optic Cable

OM3 is a laser-optimized multimode fibre designed for high-speed data transmission over short distances, typically within Local Area Networks (LANs), campus networks, or office buildings. It supports link lengths greater than 1000 meters at 850nm and 1300nm wavelengths, making it suitable for backbone, riser, and horizontal cabling applications. The fibre's 50µm core allows easy splicing, robust connections, and compatibility with Ethernet, Fast Ethernet, Token Ring, ATM, and FDDI networks.

Key Benefits

- High Bandwidth:** Optimized core profile boosts total bandwidth, supporting speeds from 10Mb/s up to 10Gb/s.
- Ease of Installation:** Large core diameter and micro-bending resistant coating simplify cabling and reduce installation costs.
- Cost Efficiency:** Compatible with low-cost transceivers and LEDs or VCSELs, eliminating the need for expensive mode-conditioning patch cords.
- Reliability:** Fibre optic technology transmits data at the speed of light, providing high-speed, interference-free communication.

Availability in New Zealand

OM3 multimode fibre optic cables are widely available from multiple suppliers:

- Prysmian NZ:** Offers detailed specifications and datasheets for OM3 multimode fibre suitable for LAN and campus networks.
- element14 New Zealand:** Stocks a wide range of OM3 multimode cables with fast delivery, technical support, and datasheets.
- 4Cabling:** Supplies multimode and singlemode fibre optic cables, patch leads, and panels across New Zealand.
- Oplinx NZ:** Provides high-quality fibre optic cabling, pre-terminated assemblies, and test equipment for professional installations.

Applications

OM3 cabling is used in a variety of applications, including:

Article Content

OM3 Multimode 10Gb Fiber Optic Cables

Our 10Gb 50/125 OM3 Multimode Fiber Optic Cables are ideal for connecting 10GBase-SR, 10GBase-LRM, SFP+, and QSFP+ transceivers for 10 gigabit network connections.

Legrand Fibre Cable

Wesco Anixter New Zealand have physical branch locations in Auckland, Wellington and Christchurch, providing our partners a nationwide team of account managers

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

OM3 Multimode Fiber Optic Cable | element14 New Zealand

Buy OM3 Multimode Fiber Optic Cable. element14 New Zealand offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets & technical support.

Alogic LCSC-03-OM3 10G LC-SC Fibre Cable

The cables meet or exceed industry standard specifications; each cable is individually tested for maximum reliability and comes with performance reports.

OM3 Multimode Fibre Optic Cables – Mouser New Zealand

OM3 Multimode Fibre Optic Cables are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for OM3 Multimode Fibre Optic Cables.

Fibre Optic Cables

Dynamix CA-TLFIB-2 Toslink Audio Fibre Optic Cable - 2m OD 6.0mm Experience premium connectivity with our high-quality cables!

Alogic LCLC-03-OM3 10G LC-LC Fibre Cable

- Supports 10Gigabit applications. - Multi Mode OM3 fibre optic cable. - Low Smoke Zero Halogen Jacket for minimal toxic emissions in case of fire. - 100% optically

Legrand Fibre Cable

Legrand Aqua OM3 12F fibre cable for indoor/outdoor with multimode - 1000m Drum
Key Features OM 3 multimode optical cables (50/125 ?m) Green jacket

Fibre Optic Cable | Fibre Internet Cable | RS NZ

We provide everything you need to establish robust and reliable fibre optic networks, whether it's for lightning-fast internet, seamless telecommunications, or critical data centre operations. Don't

Fibre optic cable — Ideal Electrical Suppliers Limited

Your local electrical suppliers since 1936, we stock over 53,000 electrical supply products. Shop online, or at one of our New Zealand-wide stores today

DYNAMIX 2Km OM3 12 Core Multimode Tight Buffered Fibre Cable Roll

DYNAMIX 2Km OM3 12 Core Multimode Tight Buffered Fibre Cable Roll. Indoor Outdoor Rated. Black ONFR Jacket Tight buffered indoor/outdoor distribution cables consist of 2 to 24 of 250µm buffered

Multimode Optical Fiber Selection & Specification

OM3 laser-optimized fiber is the minimum recommended performance level for new LAN/DC installations today. Corning Cable Systems' LANscape Pretium 300 is suitable for 10 Gbps data rates

MP007806 MULTICOMP PRO, Fiber Optic Cable, OM3 Multimode, 12

Buy MP007806 - MULTICOMP PRO - Fiber Optic Cable, OM3 Multimode, 12 Fibres. element14 New Zealand offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets & technical

ClearCurve® Multimode Fiber | High Data Rate Laser

ClearCurve multimode laser-optimized, bend resilient fibers are widely deployed to deliver high data rate, low latency transmission. As the inventor of bend

OM3 Fiber Optic Cables

The anti-bending OM3/OM4 fiber provides very small fiber optic cable diameters and hardware components produce the highest data center connection density.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.sabineamsee.co.za>

Email: info@sabineamsee.co.za

Phone: +27 82 415 6793

Address: Unit 7, Innovation Park, 34 Electron Road, Kempton Park, 1620,
South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

