

400-MPO Multimode Fiber Optic Cable



Overview

The N846B-10M-24-P is a premium multimode fiber optic cable that supports 400 Gb Ethernet speeds for transmitting data and voice signals over short distances. It is designed to support higher bandwidths for high-density patching between data center MDFs and IDFs in enterprise. FS offers full range of premium MTP®/MPO fibre optic cable assemblies for 40G/100G/400G high density cablings that feature corning clearcurve fibres and BIF fibre design. Tripp Lite series 40/100/400G Multimode 50/125 OM4 Breakout Fiber Optic Cable (12F MTP/MPO-PC to 4x Duplex SN-PC F/M), LSZH, Magenta, 3 m (9. It has documented insertion loss and 0G QSFP-DD transceivers, making this cable an excellent solution for your high-density network application. There are four main types of MTP®/MPO cables, such as Fiber Jumper Cables, trunk cables, MTP®/MPO Breakout cables, and MTP®/MPO Fanout cables, which are well suited for high-density cabling. When using multimode fiber (MMF) optical cable for 40Gb/s Ethernet (40GbE) extended connections, the distance between the host or switch and the storage system can be up to 400 meters over OM4 MMF. This extended distance capability enables customers to have much greater flexibility in the physical.



Article Content

Oct 17, 2025

MPO Cables and Adapters | Molex

High-performance MPO cable solutions and adapters from Molex ensure fast, reliable data transmission with superior connectivity for high-density network

Jan 20, 2026

MPO Fiber Optic Cable Types & Classification Guide

MPO pre-terminated fiber optic cable classification guide covering structure, fiber count, polarity, loss, connectors, and applications for 400G–1.6T data centers.

Jan 29, 2026

MPO Trunk Cables Supplier | OS2 OM3 OM4 OM5 Pre-Terminated Fiber

1) What MPO Trunk Cables Are ZION MPO Trunk Cables are pre-terminated multi-fiber backbone assemblies designed for high-density optical interconnection in data centers, structured cabling

Apr 04, 2026

MTP/MPO Fiber Optic Cables: Types, Polarity Guide,

In this guide, we explain what MTP/MPO cables are, break down the main cable types, clarify polarity methods, and—most importantly—help you

Sep 19, 2025

MPO MTP Cable Guide for Network Buyers

A data-driven guide for evaluating, comparing, and procuring MPO and MTP fiber cables for high-density 400G/800G network deployments.

Oct 21, 2025

Eaton Tripp Lite Series 40/100/400G Multimode 50/125

The N846B-10M-24-P is a premium multimode fiber optic cable that supports 400 Gb Ethernet speeds for transmitting data and voice signals over short distances.

Jul 27, 2026

Fiber Optic Cable Types: A Complete Guide

The plethora of fiber optic cable types can seem overwhelming, but choosing the right cable for the job is important.

Nov 09, 2025

Fiber Optic Cable Supply | Buy Fiber Optic Products

Shop for fiber optic cables at Cables Plus USA, leader in fiber optic products supply offering high-quality products at the best value through our fiber optic cable

Jul 05, 2026

COBTEL 12-Core OM5 MPO Patch Cord|Pre-Terminated Trunk Cable

MPO-OM5 Fiber Optic Patch Cord The lime-green mpo fiber patch cable that hyperscale data centers choose - carrier-grade MT ferrule, ≤ 0.3 dB insertion loss, pre-terminated and ready to deploy the

Feb 15, 2026

Multi-fiber Push On (MPO) Connectors

Multi-fiber push on connectors, or MPOs, are fiber cable connectors comprised of multiple optical fibers. Learn more at Fluke Networks.

Apr 08, 2026

MPO Breakout Cable for 40G/100G/400G Networks -

Optcore offers a wide range of MTP®/MPO breakout cables for high-density fiber systems, such as data center and telecommunications applications. With this

Nov 19, 2025

Fiber Optic Cables - Mouser

Fiber Optic Cables are available at Mouser Electronics from industry leading manufacturers. Mouser is an authorized distributor for many fiber optic cable manufacturers including Broadcom, Banner

Jun 22, 2026

MTP®/MPO Fibre Cables for 40G/100G/400G High Density Solutions

FS offers full range of premium MTP®/MPO fibre optic cable assemblies for 40G/100G/400G high density cablings that feature corning clearcurve fibres and BIF fibre design.

Jun 26, 2026

40/100/400G Fiber Patch Breakout Cable, MTP/MPO Female to 4x

This OM4 breakout cable is an ideal choice for 400 Gb Ethernet applications. It is also backward compatible with 40 Gb and 100 Gb networks, so you can future-proof your current application for an

Apr 04, 2026

Single Mode vs Multimode Fiber: Choosing the Right

Singlemode vs. multimode fiber: Learn the core differences in distance, speed, and cost. Our guide helps you choose the right fiber for your

Aug 30, 2025

Tripp Lite N846D-03M-24BAQ MMF, Fiber Optic, Cable, 24F, MTP/MPO

400 GbE Cable Supports Higher Bandwidths Needed for Next-Gen Data and Voice Networking As the amount of traffic in data networks grows, so does the need for next-generation devices and fiber

Jan 26, 2026

MTP®/MPO Cables for 40G/100G/400G Cabling Solutions

FiberWeek provides MTP MPO Cables Assemblies, with MTP/MPO fiber connector for 40G/100G/400G high density structured cabling solutions.

Mar 11, 2026

MPO Cable: 2026 Procurement Guide & Market Analysis

Compare MPO cable architectures, Base-8 vs Base-16 standards, and optical performance criteria. A definitive 2026 guide for high-density fiber networking.

Aug 11, 2025

Offizieller BlueOptics SFP Hersteller

Kaufen Sie BlueOptics SFP, SFP+, QSFP und QSFP28 Transceiver, DAC und AOC Kabel direkt ab Lager. Versand heute.

Apr 16, 2026

FAQ: 40Gb/s Ethernet extended optical multimode fiber cable for link ...

When using multimode fiber (MMF) optical cable for 40Gb/s Ethernet (40GbE) extended connections, the distance between the host or switch and the storage system can be up to 400 meters over OM4

May 18, 2026

400G Multimode 50/125 OM4 Plenum Fiber Optic Cable, 24F

MODEL NUMBER: N846D-03M-24BAQ 400 GbE Ethernet cable supports high bandwidths necessary for next-generation cloud services, hyperscale data centers and telecom carriers.

Nov 05, 2025

Multimode Fiber Cable Types: OM1/OM2/OM3/OM4/OM5 Compared

Introduction Fiber optic cables are the backbone of modern telecommunications infrastructure, enabling high-speed data transmission across vast distances with minimal signal loss.

Jan 28, 2026

400Gbps OM5 MPO Fiber Optical Patch Cable

This OM5 MPO patch cable is optimized for 400G Ethernet (SR8, SR4.2, and BiDi) and high-density data center applications, offering backward compatibility with 40G/100G networks.

Sep 21, 2025

OS1 vs OS2, OM3 vs OM4 vs OM5 – Fiber Optic Cable

Discover the key differences between OS1 and OS2 singlemode fibers, and OM3, OM4, OM5 multimode cables. Learn how to select the right

Dec 30, 2025

Multi-mode optical fiber

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

Mar 06, 2026

OSFP 400G DR4 Explained: Standards, Cabling, MPO

Among the different optical standards that enable 400G, the OSFP 400G DR4 stands out for its parallel single-mode architecture, moderate reach,

Nov 14, 2025

Fiber Optic Cables | Cable Assemblies | DigiKey

Fiber Optic Cable Types Fiber optic cable is designed to transmit data using light signals instead of electricity, making it faster, more secure, and immune to

Contact Us

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

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

Email: sales@greatpremiersolutions.co.za

Phone: +27 82 914 3675

Address: Unit 5, Silicon Heights, 22 Electron Avenue, Cape Town, 8001, South Africa

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

