

PASSIVE COMPONENTS

PM MPO Fiber Patch Cord

Polarization-maintaining MPO assemblies in 12 and 16 fiber counts, with 0.5 dB insertion loss.



Key Features

- Polarization-maintaining MPO in 12 and 16 fiber counts
- Insertion loss ≤ 0.5 dB, P grade, 16 core
- Operates at 1310 and 1550 nm
- High channel density in a single connector

Applications

- Multi-channel PM system interconnection
- Photonic integrated circuit test fixtures
- Sensor array trunk cabling
- High-density coherent system builds

Overview

MPO assemblies built in polarization-maintaining fiber, in 12 and 16 fiber counts. Every fiber in the ferrule has to be rotationally aligned as well as positioned, which is what makes a PM MPO substantially harder to build than a standard one.

The payoff is density: sixteen polarization-maintaining channels through one connector, at 0.5 dB insertion loss in the P-grade build. Operating wavelengths are 1310 and 1550 nm.

Specifications

Optical Performance

PARAMETER	VALUE	UNIT	CONDITIONS
Core Count	12 or 16		
Operating Wavelength	1310 / 1550	nm	
Insertion Loss	≤ 0.5	dB	P grade, 16 core
Insertion Loss	≤ 0.7	dB	A grade

Order or request a quote

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Datasheet issued 2026-09-06

Rev. controlled document

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