

MPO Fiber Patch cord 3.00mm OM4

MPO Fiber Patch cord 3.00mm OM4

Variants

F-F 12 PIN 7M F-F 12 PIN 3M F-F 12 PIN 7M F-F 12 PIN 15M F-F 12 PIN 5M F-F 12 PIN 10M

Details

MPO Fiber Patch Cord OM4 3.0mm Multimode

Product Overview

The **MPO Fiber Patch Cord OM4 3.0mm Multimode** is a high-density fiber cable designed for **data centers, telecom, and high-speed enterprise networks**. It uses **OM4 50/125µm multimode fiber** with precision MPO connectors to deliver **low-loss, high-bandwidth performance** for 10G / 40G / 100G applications.

1. Optical Fiber Specifications (OM4)

Parameter	Specification
Fiber Type	OM4 Multimode
Core / Cladding	50 / 125 µm

Parameter	Specification
Operating Wavelength	850 nm / 1300 nm
Modal Bandwidth	? 4700 MHz-km @ 850 nm
Attenuation @ 850 nm	? 3.0 dB/km
Attenuation @ 1300 nm	? 1.0 dB/km
Standards	ISO/IEC 11801, TIA-568

2. MPO Connector Specifications

Parameter	Specification
Connector Type	MPO Female
Fiber Positions	12 Fiber
Ferrule Material	MT Ferrule
Polish Type	UPC
Insertion Loss (Standard)	? 0.35 dB

Parameter	Specification
Low Loss Option	? 0.20 dB
Return Loss	? 20 dB
Connector Color	Aqua

3. Cable Construction

Parameter	Specification
Cable Type	MPO Multimode Patch Cord
Fiber Count	12 Fiber
Cable Diameter	3.0 mm
Jacket Material	LSZH / PVC
Cable Color	Aqua
Strength Member	Aramid Yarn (Kevlar)

4. Environmental Specifications

Parameter	Specification
Operating Temperature	?20°C to +70°C
Storage Temperature	?40°C to +85°C