

# MPO Fiber Patch cord 3.00mm OM4

---

MPO Fiber Patch cord 3.00mm OM4

## Variants

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

## Details

### MPO Fiber Patch Cord OM4 3.0mm Multimode

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
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
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