MPO Fiber Patch cord 3.00mm OM4

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Variants

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

Details

OM4 • 12 FIBER • MPO FEMALE • 3.0MM

The is a high-density multimode fiber cable designed for . It uses with precision MPO connectors to provide low-loss, high-bandwidth optical connectivity for applications.

Select Length View Main Product

Quick Specifications

FIBER TYPE

OM4

Multimode 50/125µm

FIBER COUNT

12 Fiber

High-Density

CONNECTOR

MPO Female

Female to Female

CABLE DIAMETER

3.0 mm

Aqua Cable

Available Length Variants

Select the required MPO OM4 patch cord length below. Each button opens the corresponding product variant.

Fiber: OM4 50/125µm **Connector:** MPO Female – Female **Count:** 12 Fiber **OD:** 3.0mm
Color: Aqua

MPO OM4 VARIANT

3M

Female – Female
12 Fiber • OM4

View & Order ?

MPO OM4 VARIANT

5M

Female – Female
12 Fiber • OM4

View & Order ?

MPO OM4 VARIANT

7M

Female – Female
12 Fiber • OM4

View & Order ?

MPO OM4 VARIANT

10M

Female – Female
12 Fiber • OM4

View & Order ?

MPO OM4 VARIANT

15M

Female – Female
12 Fiber • OM4

View & Order ?

Key Features

? OM4 50/125µm multimode optical fiber

? 12-fiber high-density MPO connectivity

? MPO Female connector configuration

? Precision MT ferrule

? Standard insertion loss ? 0.35 dB

? Low-loss option ? 0.20 dB

? 850nm / 1300nm operating wavelengths

? 3.0mm compact cable diameter

? LSZH / PVC jacket options

? Designed for high-density fiber networks

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
Connector Configuration	Female to Female
Fiber Positions	12 Fiber

Parameter	Specification
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

Applications

Data Centers
High-density optical connectivity

40G Networks
Multimode high-speed links

100G Networks
High-bandwidth optical connections

Telecom Networks
High-density fiber infrastructure

Enterprise Networks
High-speed backbone connectivity

MPO Fiber Systems
High-density structured cabling

Before Ordering

Please confirm the required **MPO connector gender, fiber count, cable length, polarity and insertion-loss grade** before ordering. Correct MPO polarity and connector configuration are important for proper TX/RX fiber mapping in high-speed optical networks.

12 Fiber • Female to Female • OM4 50/125µm • 3.0mm

Available in 3M • 5M • 7M • 10M • 15M

View All MPO OM4 Variants ?

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