

MPO Fiber Patch cord 3.00mm OM3

MPO(F)-MPO(F)-MO3-3.0-8 pin-1M

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Variants

F-F 12 1M F-F 12 5M F-F 12 10M F-F 12 25M F-F 12 50M F-F 12PIN 3M F-F 12 15M

Details

MPO Fiber Patch Cord OM3 (12 Fiber) – 3.0mm

Overview

Product Overview

MPO OM3 patch cords are high-density fiber optic cables designed for data centers and high-speed networks such as 40G and 100G parallel optics. A 12-fiber MPO connector integrates multiple fibers into one compact interface, reducing space usage and improving cabling efficiency.

General Specifications

Parameter	Specification
Model	MPO – MPO Fiber Patch Cord
Connector Type	MPO Female – MPO Female
Polarity	Type B (Crossed)
Fiber Type	OM3 Multimode
Fiber Count	12 Fiber

Cable Diameter	3.0 mm
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Optical Fiber Specification

Parameter	Specification
Fiber Type	OM3 Multimode
Core / Cladding	50 / 125 μ m
Operating Wavelength	850 nm / 1300 nm
Bandwidth	? 2000 MHz·km @ 850 nm
Attenuation @ 850 nm	? 3.0 dB/km
Attenuation @ 1300 nm	? 1.0 dB/km
Standard	ISO/IEC 11801, TIA-568

MPO Connector Specification

Parameter	Specification
Connector Type	MPO Female
Fiber Positions	12 Fiber
Ferrule Type	MT Ferrule
Polish Type	UPC
Insertion Loss	? 0.35 dB (Typical)
Low Loss Option	? 0.20 dB
Return Loss	? 20 dB
Connector Color	Aqua

Cable Construction

Parameter	Specification
Cable Type	Multimode Patch Cord
Fiber Count	12 Fiber
Cable Diameter	3.0 mm
Jacket Material	LSZH / PVC
Cable Color	Aqua
Strength Member	Aramid Yarn
Operating Temperature	?20°C to +70°C
Storage Temperature	?40°C to +85°C