

MPO-MPO-OM4-12B

Fiber Optic Patch Cable



Cable length: 1m to 50m



Fiber Type: OM4



Fiber Count: 12



Jacket Type: LSZH



MPO to MPO



Female to Female



UPC to UPC



Polarity: Type B

Product description

The MPO-MPO-OM4-12B is a high-performance MPO to MPO Type B cable, featuring 12-fiber OM4 multimode compatibility. Available in lengths ranging from 1 to 50 meters, this cable uses 50/125 micron fiber with a 3mm jacket diameter made of Low Smoke Zero Halogen (LSZH) material. The insertion loss is exceptionally low, typically 0.35dB. Suitable for a wide range of temperatures(-10°C to +70°C), it meets the needs of diverse environments. Designed for 40G/100G Data Center applications, the cable facilitates connections between transceivers or from transceiver to patch panel. It is CE/RoHS certified, complying with ISO/IEC-61754, EN 50399, and EN 50575 standards, ensuring compatibility with other manufacturers' equipment and adherence to safety and material standards.

Connectivity

MPO-MPO-OM4-12B

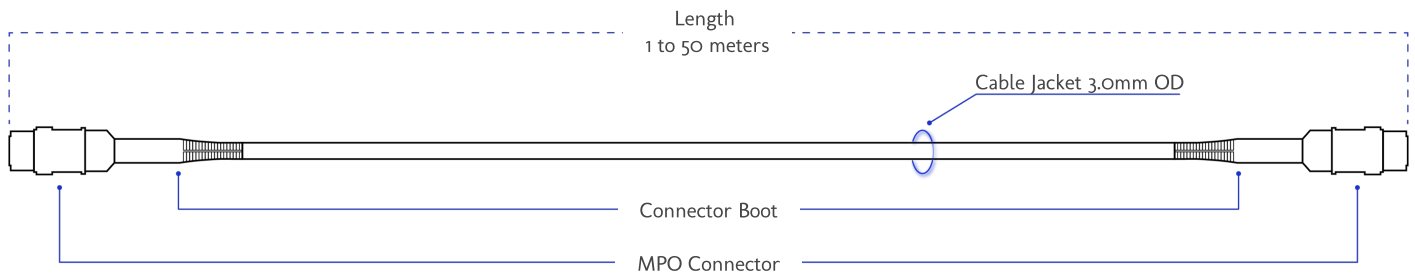


100G-QSFP28-100 / 40G-QSFP-150 / 40G-QSFP-300

Product Specification:

Connector A:	MPO Female (SENKO)	Attenuation at 1310 nm:	≤0.6 dB/km
Connector B:	MPO Female (SENKO)	Insertion Loss MPO:	0.75dB Max (0.35dB Typ.)
Polarity:	Type B	Return Loss MPO:	≥20dB
Fiber Type:	OM4 50/125µm Multimode	Storage Temperature:	-40°C to +85°C
Fiber Count:	12	Operating Temperature:	-10°C to +70°C
Polish Type:	UPC to UPC	Installation Tensile Load:	66 N
Jacket Diameter:	3.0 mm	Long Term Tensile Load:	50 N
Jacket Type:	LSZH	Minimum Bend Radius:	7.5 mm
Wavelength:	850/1310nm	Color:	Magenta
Attenuation at 850 nm:	≤2.3 dB/km	Glass Fiber:	YOFC
Length:	1 to 50 m		

Mechanical Dimensions



Supported Versions:

SKU	Description
MPO-MPO-OM4-12B-LSZH-XX*	MPO Female to MPO Female Fiber Optic Trunk Cable (12 Fiber, Type B, OM4 50/125um MMF, UPC, LSZH, Magenta, XX Meter/s*)

XX - cable length in meters

*To inquire about custom lengths, please contact our support team.

Warranty

EDGE Optic's provides a limited warranty for **sixty (60) months** from Purchaser's receipt of the Equipment represented in this data sheet against defective design or workmanship.

