

MPO-MPO-OM5-12B

Fiber Optic Patch Cable



Cable length: 1m to 50m



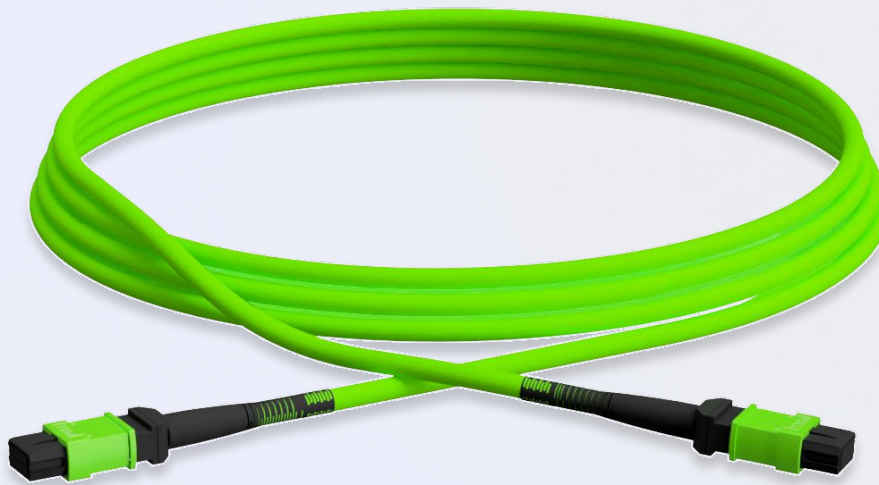
Fiber Type: OM5



Fiber Count: 12



Jacket Type: LSZH



MPO to MPO



Female to Female



UPC to UPC

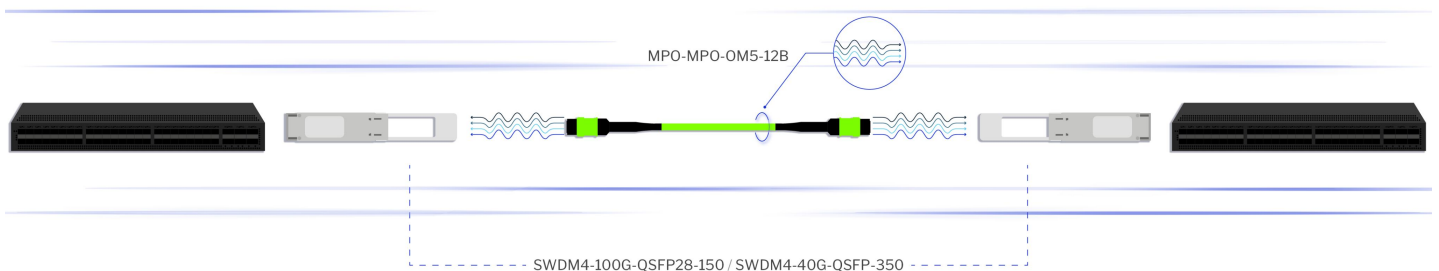


Polarity: Type B

Product description

The MPO-MPO-OM5-12B is a high-performance MPO to MPO Type B cable, featuring 12-fiber OM5 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 100G SWDM4 and 40G SWDM4 applications and provides extended reach up to 150m in 100G SWDM4 scenario and up to 440m in 40G SWDM4 scenario. The cable facilitates connections between transceivers. 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.

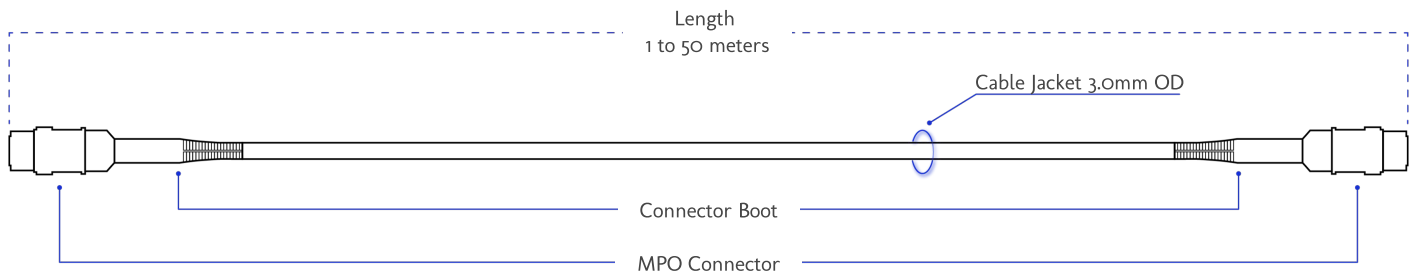
Connectivity



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:	OM5 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:	20 N
Jacket Diameter:	3.0 mm	Long Term Tensile Load:	20 N
Jacket Type:	LSZH	Minimum Bend Radius:	7.5 mm
Wavelength:	850/1310nm	Color:	Green
Attenuation at 850 nm:	≤2.3 dB/km	Glass Fiber:	YOFC
Length:	1 to 50 m		

Mechanical Dimensions



Supported Versions:

SKU	Description
MPO-MPO-OM5-12B-LSZH-XX*	MPO Female to MPO Female Fiber Optic Trunk Cable (12 Fiber, Type B, OM5 50/125um MMF, UPC, LSZH, Green, 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.

