

MPO-MPO-OS2-12A

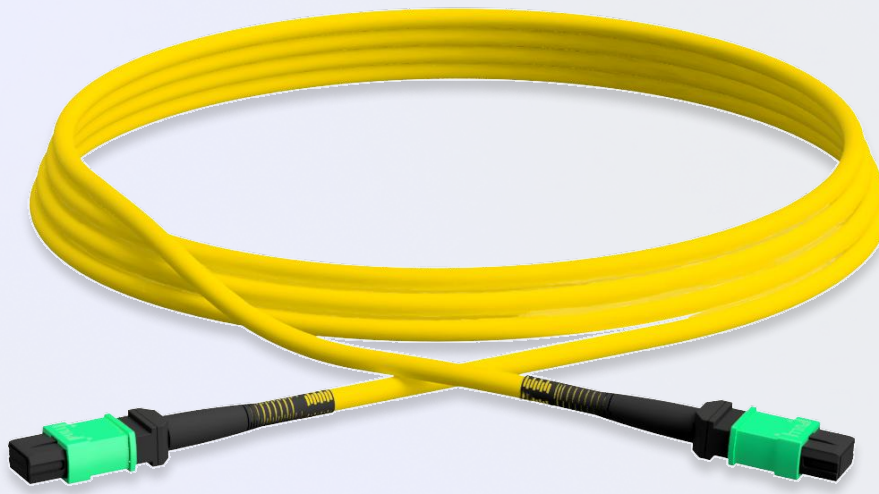
Fiber Optic Patch Cable


Cable length: 1m to 50m


OS2 Fiber


Fiber Count: 12


Jacket Type: LSZH




MPO to MPO


Female to Female

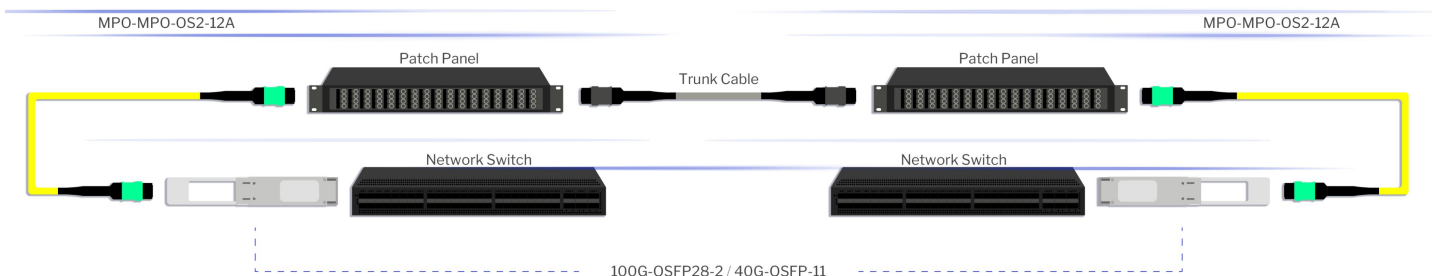

UPC to UPC


Type A

Product description

The MPO-MPO-OS2-12A is a high-performance MPO to MPO Type A cable, featuring 12-fiber OS2 singlemode compatibility. Available in lengths ranging from 1 to 50 meters, this cable uses 9/125um 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 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.

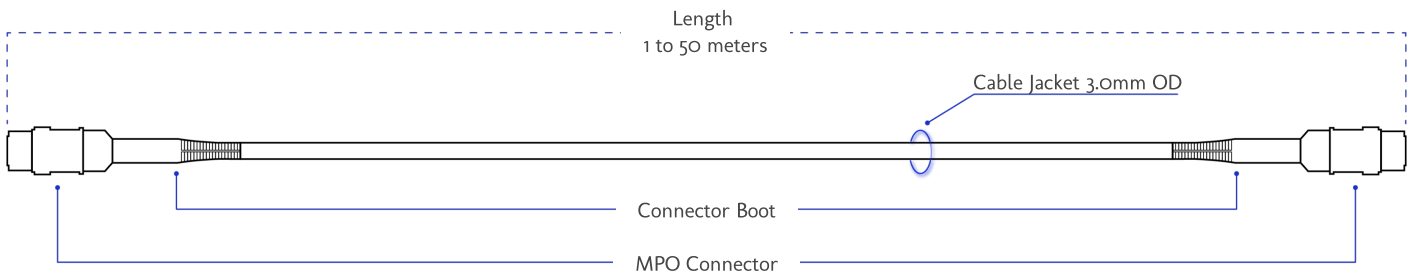
Connectivity



Product Specification:

Connector A:	MPO Female (SENKO)	Attenuation at 1550 nm:	≤0.18 dB/km
Connector B:	MPO Female (SENKO)	Insertion Loss MPO:	0.75dB Max (0.35dB Typ.)
Polarity:	Type A	Return Loss MPO:	≥60dB
Fiber Type:	OS2 9/125μm Single Mode	Storage Temperature:	-40°C to +85°C
Fiber Count:	12	Operating Temperature:	-10°C to +70°C
Polish Type:	APC to APC	Installation Tensile Load:	100 N
Jacket Diameter:	3.0 mm	Long Term Tensile Load:	50 N
Jacket Type:	LSZH	Minimum Bend Radius:	10 mm
Wavelength:	1310/1550nm	Color:	Yellow
Attenuation at 1310 nm:	≤0.32 dB/km	Glass Fiber:	YOFC
Length:	1 to 50 m		

Mechanical Dimensions



Supported Versions:

SKU	Description
MPO-MPO-OS2-12A-LSZH-XX*	MPO Female to MPO Female Fiber Optic Trunk Cable (12 Fiber, Type A, OS2 9/125um SMF, APC, LSZH, Yellow, 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.

