

# MTP-MTP-OS2-12B

Fiber Optic Patch Cable



Cable length: 1m to 50m



OS2 Fiber



Fiber Count: 12



Jacket Type: LSZH



MTP to MTP



Female to Female



APC to APC



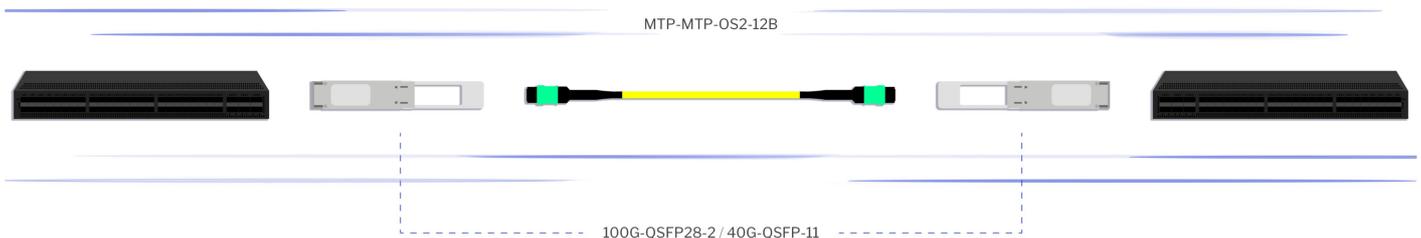
Polarity: Type B

## Product description

The MTP-MTP-OS2-12B is a high-performance MTP to MTP Type B cable, featuring 12-fiber OS2 singlemode compatibility. MTP stands for Multi-fiber Termination Push-on and is a registered trademark of US Conec. 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 0.15dB. 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.

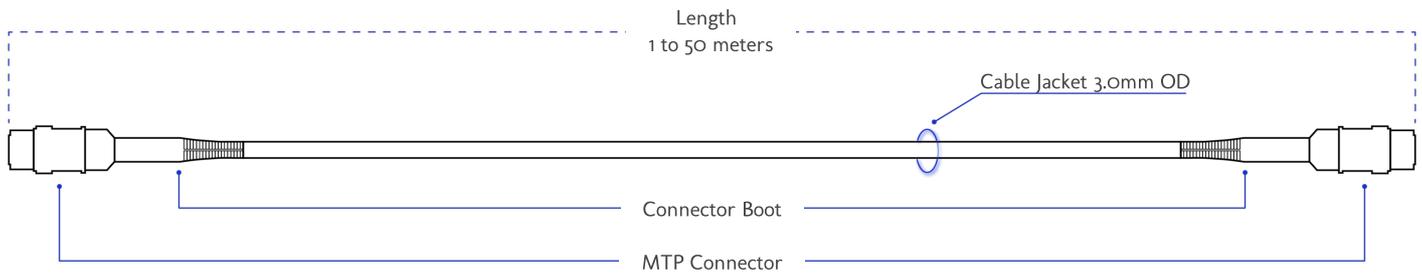
## Connectivity



# Product Specification:

Connector A:	MTP Female (US Conec)	Attenuation at 1550 nm:	≤0.18 dB/km
Connector B:	MTP Female (US Conec)	Insertion Loss MPO:	0.35dB Max (0.15dB Typ.)
Polarity:	Type B	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
MTP-MTP-OS2-12B-LSZH-XX*	MTP Female to MTP Female Fiber Optic Trunk Cable (12 Fiber, Type B, OS2 9/125um SMF, APC, LSZH, Yellow, <b>XX Meter/s*</b> )

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.

