Zettonics
Modular Optical Infrastructure
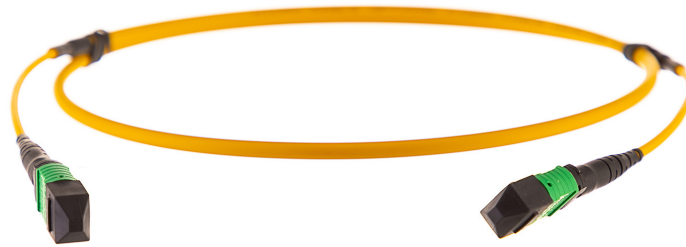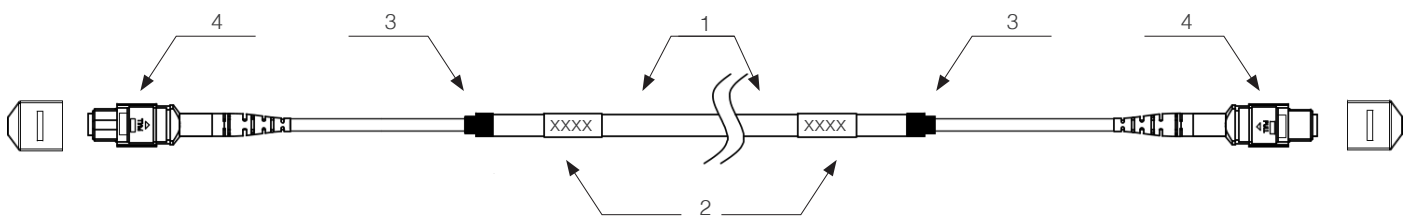
TEN[21]- 12F OS2 Trunk Cables

Zettonics TEN[21] Ultra low insertion loss MTP/MPO trunk cable for a 40G/100G direct connection. The OS2 singlemode trunk cable is recommended for high-density data centre applications. Our MTP/MPO trunk cables are fully tested for low insertion loss and back reflection on every connector and attenuation loss that meets or exceeds current industry standards.

Singlemode Product Specifications			
Connector A	MTP/MPO Female (pinless)	Connector B	MTP/MPO Female (pinless)
Fibre Mode	OS2 9/125µm SM	Wavelength	1310/1550nm
Polish Type	APC to APC	Minimum Bend Radius	10mm
Insertion Loss	0.35dB Max (0.15dB Typ.)	Return Loss	≥60dB
Attenuation at 1310nm	≤0.32 dB/km	Attenuation at 1550nm	≤0.18 dB/km
Jacket OD	4.5mm	Cable Jacket	LSZH
Installation Tensile Load	100 N	Long-Term Tensile Load	150 N
Operating Temperature	-20°C to +70°C	Storage Temperature	-40°C to +85°C

1   12F LSZH OS2 9/125µm 4.5mm Micro Cable Double Jacket (Yellow)

2   Serial Number Label

3   Heat Shrink (Black)

4   12F MTP/MPO Female Connector

Example Ordering Information	
MTPFMTPFOS212(L)(P)	Zettonics OS2 12 MTP/MPO UPC Female - 12 MTP/MPO UPC Female
(L) = Length (P) = Polarity	