



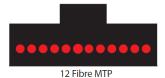
NEXCONEC MTP/MPO Trunks are small form factor high density fiber connector assemblies used in high density applications. Our MTP/MPO Trunks are suitable for up to 100G applications to connect between equipments or to interconnect modules/panels in a data center. The MTP/MPO connectors are available in Standard and Elite versions to cater customer's power budget requirements.

FEATURES

- Conform to IEC, EIA-TIA, and Telcordia performance requirements
- All Assemblies are machine polished providing highest quality
- Cable terminated with low loss 12 fiber MPO Connectors.
- Available in custom length and cable construction from 12 to 144 fibers.
- All Assemblies are factory tested and come with test certificate.
- Factory pre-terminated assemblies with protocol for constant and reliable quality

APPLICATION

- > Telecommunication networks
- Data centers, Co-location DC
- ➤ LAN or Campus wide Network
- Supports up to 100G applications







MTP/MPO CONNECTOR SPECIFICATION

Parameters	IL – Max	IL – Typical	RL
SM - Standard	0.75 dB	0.25 dB	> 60 dB
SM – Premium	0.35 dB	0.10 dB	> 60 dB
MM – Standard	0.60 dB	0.20 dB	> 20 dB
MM – Premium	0.35 dB	0.10 dB	> 20 dB

CABLE CHARATERISTICS

Cable Characteristics	Units	MICROCABLE						
Cable Material		LSZH /PVC						
Strength Member		Aramid/FRP						
Cable Diameter	mm	Double jacket 12F– 4.5 Double jacket 24F – 4.5						
Tensile Strength	N	Double jacket 12F– 400/150 Double jacket 24F – 400/150						
Crush	N/100mm	1000						
Operating Temperature	°C	-20 to 70						
Minimum Bending Radius	mm	10D (installed) / 20D (loaded)						

^{***} For higher fiber counts please refer to our cable datasheet

ORDERING INFORMATION

				МО	1 :	2 3	4	5	6	7	8	DIST				
МО	1	2	CONNECTOR	3	4	FIBER	5	CABLE CONSTRUCTION		6	JACKET COLOR	7	JACKET MATERIAL	8	POLARITY	
	M1	M1	12F MPOF STD	12-144	2D	G652D	D	Microcable		Υ	YELLOW	L	LSZH	Α	POL A	
	M2	M2	12F MPOM STD		A1	G657A1					0	ORANGE	R	OFNR	В	POL B
	МЗ	M3	12F MPOF ELITE		A2	G657A2					Q	AQUA	Р	OFNP	С	POL C
	M4	M4	12F MPOM ELITE		01	OM1	11			V	ERICA VIOLET					
					02	OM2					В	BLACK				
					О3	OM3										
					04	OM4										

^{*}For MTP/MPO from USCONEC, above PN must start with MT instead of MO.

^{**}Tails to be FANOUT or STAGGERED/CASCADE with or without Pulling solution.

