



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



12 Fibre MTP

## 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 CHARACTERISTICS

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

MO	1	2	3	4	5	6	7	8	DIST
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MO	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	Y	YELLOW	L	LSZH	A	POL A
M2	M2		12F MPOM STD		A1	G657A1			O	ORANGE	R	OFNR	B	POL B
M3	M3		12F MPOF ELITE		A2	G657A2			Q	AQUA	P	OFNP	C	POL C
M4	M4		12F MPOM ELITE		O1	OM1			V	ERICA VIOLET				
					O2	OM2			B	BLACK				
					O3	OM3								
					O4	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.

