

## MTP<sup>®</sup>/MPO TRUNKS OUTDOOR



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

### FEATURES

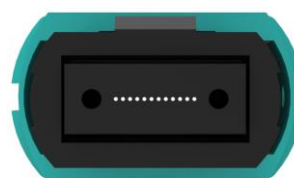
- ✓ Conform to IEC, EIA-TIA, and Telcordia performance requirements
- ✓ All Assemblies are machine polished providing highest quality
- ✓ Cable terminated with base-8, base-12, base-24 fiber MTP<sup>®</sup>/MPO Connectors
- ✓ Available in custom length and cable construction from 8 to 144 fibers
- ✓ All Assemblies are factory tested and come with test certificate
- ✓ Factory pre-terminated assemblies with protocol for constant and reliable quality

### APPLICATIONS

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



8 Fiber MTP/MPO



12 Fiber MTP/MPO



24 Fiber MTP/MPO

**MTP®/MPO CONNECTOR SPECIFICATIONS**

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	Value					
<b>LOOSE TUBE</b>							
Fiber Count		12F	24F	48F	72F	96F	144F
Outer Diameter (±0.3)	mm	6.8	6.8	10.5	11.1	12.6	15.6
Tensile Strength (max/min)	N	1000/500	1000/500	1500/600	1500/600	1500/600	1500/600
Crush	N	1000	1000	1000	1000	1000	1000
<b>LOOSE TUBE STEEL TAPE ARMOR</b>							
Fiber Count		12	24	48	72	96	144
Outer Diameter (±0.3)	mm	9.0	9.0	12.0	12.6	14.1	17.1
Tensile Strength (max/min)	N	1000/500	1000/500	1500/600	1500/600	1500/600	1500/600
Crush	N	1000	1000	1000	1000	1000	1000
Cable Jacket Material		LSZH or PE					
Strength Member		E-glass					
Operating Temperature	°C	-20 ~ +70					
Tail Diameter		900um or 2.0mm					
Minimum Bending Radius	mm	10D (installed)/20D (loaded)					

## ORDER 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
G1	G1	G1	8F MPOF STD	8-144	2D	G652D	L	Loose Tube E-glass Armored Loose Tube	B	BLACK	L	LSZH	A	POL A
G2	G2	8F MPOM STD		A1	G657A1	A	R				OFNR	B	POL B	
G3	G3	8F MPOF ELITE		A2	G657A2		E				PE	C	POL C	
G4	G4	8F MPOM ELITE			O3	OM3								
M1	M1	M1	12F MPOF STD		O4	OM4								
M2	M2	M2	12F MPOM STD											
M3	M3	M3	12F MPOF ELITE											
M4	M4	M4	12F MPOM ELITE											
K1	K1	K1	24F MPOF STD											
K2	K2	K2	24F MPOM STD											
K3	K3	K3	24F MPOF ELITE											
K4	K4	K4	24F MPOM ELITE											

\*For MTP®/MPO from USCONEC, above PN must start with MTO instead of MOO.

\*\*Tails to be FANOUT or STAGGERED/CASCADE with or without Pulling solution.