

MTP®/MPO QSFP 40G TRUNKS **BASE-8**




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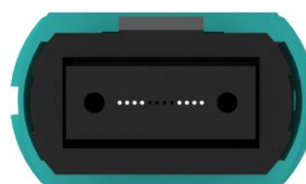
NEXCONEC® MTP®/MPO Trunks are small form factor high-density fiber connector assemblies used in high-density applications. Our MTP®/MPO Trunks are specifically designed for 40G & 100G applications to connect between equipment or to interconnect modules/panels in a data center. The Trunks are available in Micro cable double jacket and flat cable options suitable for pulling on trays. 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 base-8 fiber MTP®/MPO Connectors
- ✓ MPO push/pull release boot
- ✓ All Assemblies are factory tested and come with test certificate
- ✓ Factory pre-terminated assemblies with protocol for constant and reliable quality
- ✓ CPR Euro classes certified on demand 

APPLICATIONS

- ✓ Telecommunication networks
- ✓ Data centers
- ✓ Supports 40G & 100G applications



8 Fiber MTP/MPO

MTP®/MPO CONNECTOR SPECIFICATIONS

Parameters	IL – Max	IL – Typical	RL
SM – Standard	0.75 dB	0.40 dB	> 60 dB
SM – Premium	0.35 dB	0.20 dB	> 60 dB
MM – Standard	0.60 dB	0.40 dB	> 20 dB
MM – Premium	0.35 dB	0.20 dB	> 20 dB

CABLE CHARACTERISTICS

Cable Characteristics	Units	Micro Cable
Cable Material		LSZH /PVC
Strength Member		Aramid/FRP
Cable Diameter	mm	Single jacket 8F/12F/24F - 3.0 Double jacket 8F/12F/24F - 4.5
Tensile Strength	N	Single jacket 8F/12F/24F - 200/100 Double jacket 8F/12F/24F - 400/150
Crush	N/100mm	Single jacket - 500 Double jacket - 1000
Operating Temperature	°C	-20 ~ +70
Minimum Bending Radius	mm	10D (Static) / 20D (Dynamic)
CPR Reaction to Fire Classification	Certified	(8F/12F– 3.0) Cca-s1a,d0,a1 (8F/12F– 4.5) B2ca-s1a,d0,a1 (24F– 4.5) Cca-s1a,d0,a1

*** For higher fiber counts please refer to our cable datasheet

ORDER INFORMATION

MO	1	2	3	4	5	6	7	8	9	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	8F MPOF STD	8-96	2D	G652D	D	Microcable	Y	YELLOW	L	LSZH	B	POL B
	G2	G2	8F MPOM STD		A1	G657A1			O	ORANGE	R	OFNR		
	G3	G3	8F MPOF ELITE		A2	G657A2			Q	AQUA	P	OFNP		
	G4	G4	8F MPOM ELITE		O1	OM1			V	ERICA VIOLET	LB	LSZH B2ca		
					O2	OM2			B	BLACK	LC	LSZH Cca		
					O3	OM3								
					O4	OM4								

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

ADDITIONAL DETAILS

QSFP to QSFP Routing

