

## MTP<sup>®</sup>/MPO QSFP 40G TRUNKS **BASE-8**




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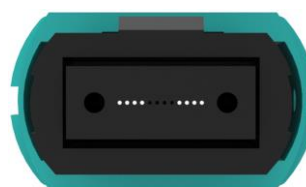
NEXCONEC<sup>®</sup> MTP<sup>®</sup>/MPO Trunks are small form factor high-density fiber connector assemblies used in high-density applications. Our MTP<sup>®</sup>/MPO Trunks are specifically designed for 40G & 100G applications to connect between equipment or to interconnect modules/panels in a data center. The Trunks are available in Micro cable double jacket and flat cable options suitable for pulling on trays. The MTP<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 fiber MTP<sup>®</sup>/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	0.25 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	Micro Cable
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 ~ +70
Minimum Bending Radius	mm	10D (installed) / 20D (loaded)
CPR Reaction to Fire Classification	Certified	(12F) B2ca-s1a,d0,a1 (24F) 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	G1	8F MPOF STD	8-96	2D	G652D	D	Microcable	Y	YELLOW	L	LSZH	B	POL B
G2	G2	G2	8F MPOM STD		A1	G657A1			O	ORANGE	R	OFNR		
G3	G3	G3	8F MPOF ELITE		A2	G657A2			Q	AQUA	P	OFNP		
G4	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

