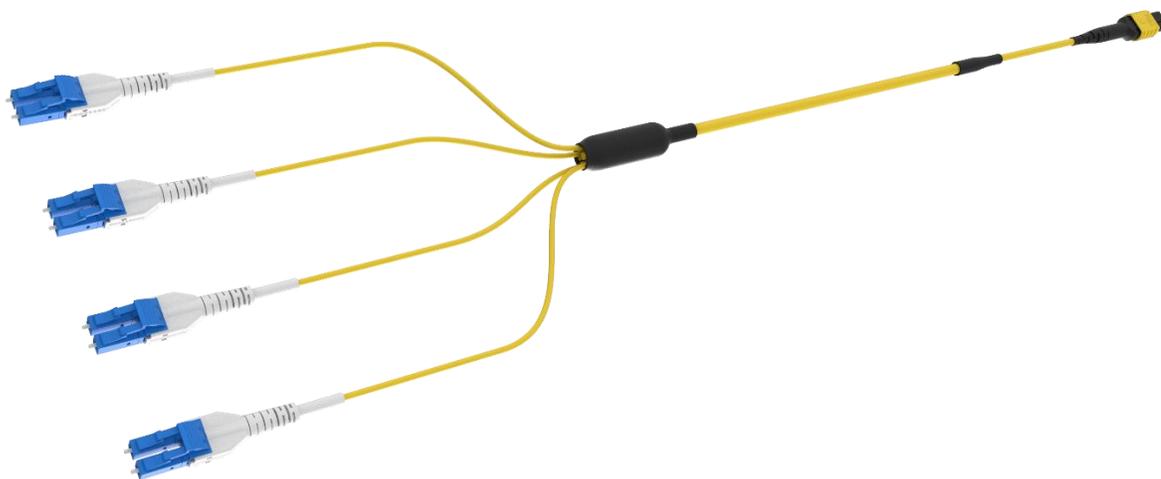


MTP[®]/MPO TO LC QSFP 40G FANOUTS **BASE-8**



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NEXCONEC[®] MTP[®]/MPO QSFP Fanouts are small form factor high density fiber connector assemblies that breakout into discrete single ferrule connectors. Our MTP[®]/MPO Fanouts are specifically designed for QSFP 40G to 10G transition application to connect between equipment or to interconnect modules/panels in a data center.

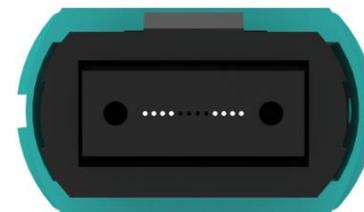
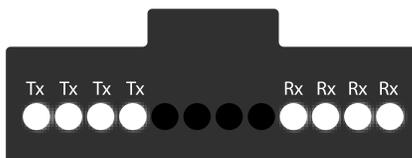
The fanouts can also be used for transitions between high to low bandwidth equipments. The fanouts are available in Micro cable single or double jacket options and individual connectors are available as simplex/duplex/round duplex cable options. The MTP[®]/MPO and single ferrule connectors are available in Standard and Elite versions to cater customer's power budget requirements.

FEATURES

- ✓ MTP[®]/MPO to connect 40G QSFP transceiver, LC to connect 10G SFP
- ✓ 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 SFP, QSFP, CFP applications
- ✓ 40G to 10G transition



8 Fiber MTP/MPO

MTP®/MPO CONNECTOR SPECIFICATIONS

Parameters	IL – Max	IL – Typical	RL
SM APC – Standard	0.75 dB	0.40 dB	> 60 dB
SM APC – 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

Note: MTP®/MPO Single mode (SM) Connectors are APC by default. But Multimode (MM) Connectors are available in UPC and APC options.

SINGLE FERRULE CONNECTOR SPECIFICATIONS

Parameters	IL – Max	IL – Typical	RL (PC/APC)
SM – Standard	≤ 0.30 dB	≤ 0.20 dB	> 55/65 dB
SM – Premium	≤ 0.15 dB	≤ 0.12 dB	> 55/65 dB
MM – Standard	≤ 0.30 dB	≤ 0.18 dB	> 28 dB
MM – Premium	≤ 0.15 dB	≤ 0.08 dB	> 28 dB

CABLE CHARACTERISTICS

Cable Characteristics	Units	Value
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

FANOUT CABLE CHARACTERISTICS

Cable Characteristics	Units	Simplex	Duplex	Round Duplex
Cable Material		LSZH or PVC	LSZH or PVC	LSZH or PVC
Strength Member		Aramid	Aramid	Aramid
Crush	N	500	500	500
Operating Temperature	°C	-20 ~ +70	-20 ~ +70	-20 ~ +70

ORDER INFORMATION

Ask Sales for Order Details: sales@nexconec.com

Or [Contact Us](#) by filling website contact form, one of our colleagues will get back to you shortly!

ADDITIONAL DETAILS

40G QSFP to 10G SFP Routing

