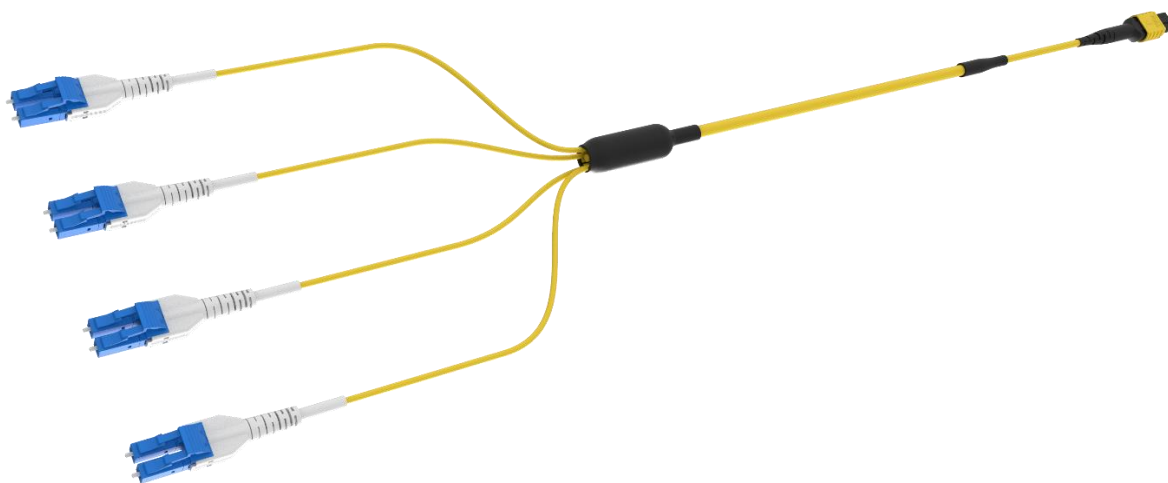


## MTP<sup>®</sup>/MPO TO LC QSFP 40G FANOUTS **BASE-8**




Browse on Mobile

 [Browse on Web](#)

NEXCONEC<sup>®</sup> MTP<sup>®</sup>/MPO QSFP Fanouts are small form factor high density fiber connector assemblies that breakout into discrete single ferrule connectors. Our MTP<sup>®</sup>/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.

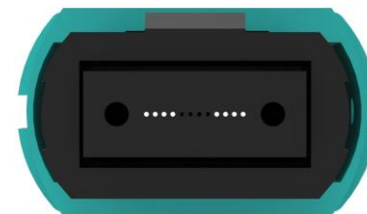
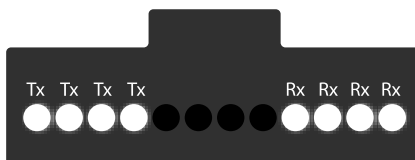
The fanouts can also be used for transitions between high to low bandwidth equipments. The fanouts are available in Micro cable single or double jacket options and individual connectors are available as simplex/duplex/round duplex cable options. The MTP<sup>®</sup>/MPO and single ferrule connectors are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

### FEATURES

- ✓ MTP<sup>®</sup>/MPO to connect 40G QSFP transceiver, LC to connect 10G SFP
- ✓ 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 SFP, QSFP, CFP applications
- ✓ 40G to 10G transition



8 Fiber MTP/MPO

## MTP<sup>®</sup>/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

## 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
<b>Cable Material</b>		LSZH /PVC
<b>Strength Member</b>		Aramid/FRP
<b>Cable Diameter</b>	mm	Single jacket 12F/24F - 3.0 Double jacket 12F/24F - 4.5
<b>Tensile Strength</b>	N	Single jacket 12F/24F - 200/100 Double jacket 12F/24F - 400/150
<b>Crush</b>	N/100mm	Single jacket - 500 Double jacket - 1000
<b>Operating Temperature</b>	°C	-20 ~ +70
<b>Minimum Bending Radius</b>	mm	10D (installed) / 20D (loaded)
<b>CPR Reaction to Fire Classification</b>	Certified	(12F- 3.0) Cca-s1a,d0,a1 (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
<b>Cable Material</b>		LSZH or PVC	LSZH or PVC	LSZH or PVC
<b>Strength Member</b>		Aramid	Aramid	Aramid
<b>Crush</b>	N	500	500	500
<b>Operating Temperature</b>	°C	-20 ~ +70	-20 ~ +70	-20 ~ +70

**ORDER INFORMATION**

Ask Sales for Order Details: [sales@nexcotec.com](mailto:sales@nexcotec.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**

