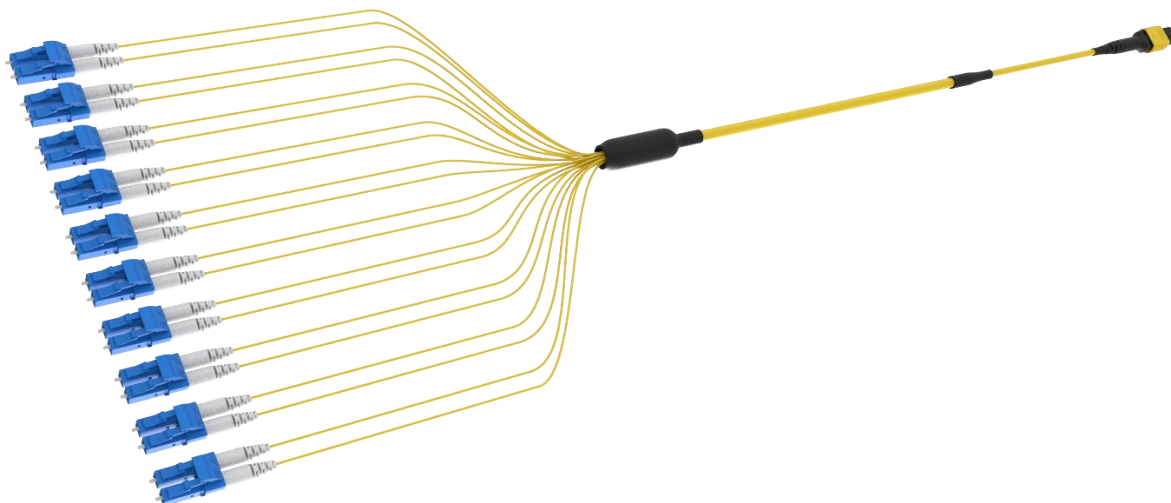


MTP®/MPO TO LC/SC FANOUTS **BASE-20**



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NEXCONEC® MTP®/MPO Fanouts are small form factor high-density fiber connector assemblies that breakout into discrete single ferrule connectors. Our MTP®/MPO Fanouts are suitable for up to 100G applications to connect between equipment or to interconnect modules/panels in a data center. The fanouts also can be used for transitions between high to low bandwidth equipment.

The Fanouts are available in Micro cable single and double jacket options suitable 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.

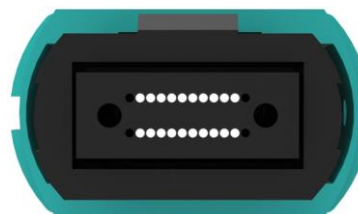
FEATURES

- ✓ Small factor breakout module from MTP®/MPO to LC or SC tails 2.0mm SX, DX or Uniboot
- ✓ Cable terminated with base-20 fiber MTP®/MPO Connectors
- ✓ Available in custom length and cable construction from 12 to 144 fibers
- ✓ All Assemblies are factory tested and come with test certificate
- ✓ CPR Euro classes certified on demand



APPLICATIONS

- ✓ Telecommunication networks
- ✓ Data centers, Co-location DC
- ✓ LAN or Campus wide Network



20 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

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 12F/24F - 3.0 Double jacket 12F/24F - 4.5
Tensile Strength	N	Single jacket 12F/24F - 200/100 Double jacket 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	(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
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!