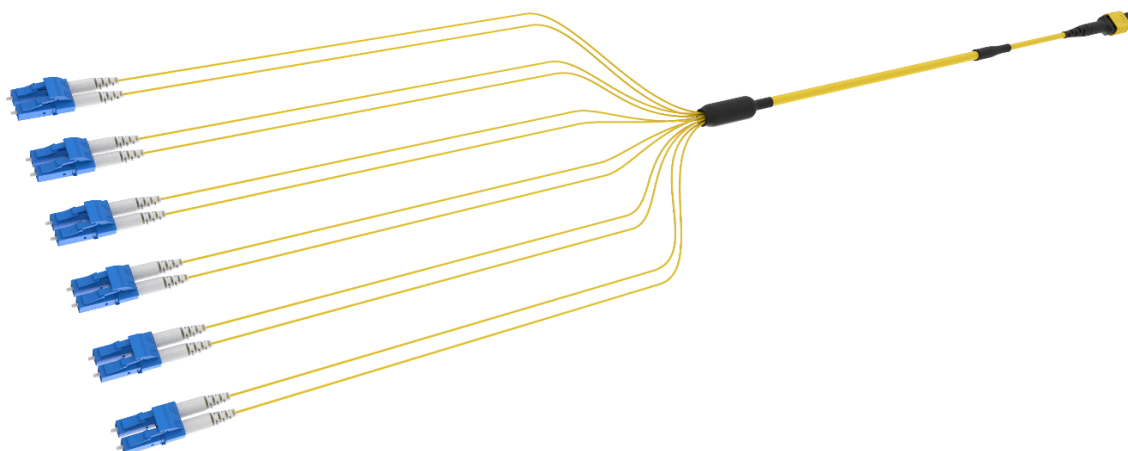


MTP®/MPO TO LC/SC FANOUTS **BASE-12**




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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.

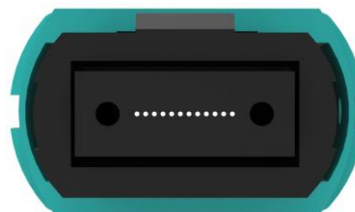
The Fanouts are available in Micro cable single and double jacket options suitable and individual connectors are available as simplex/duplex/round duplex cable options. The MTP®/MPO and single ferrule connectors are available in Standard and Elite versions to cater customer's power budget requirements.

FEATURES

- ✓ Small factor breakout module from MTP®/MPO to LC or SC tails 2.0mm SX, DX or Uniboot
- ✓ Cable terminated with base-12 fiber MTP®/MPO Connectors
- ✓ MPO push/pull release boot
- ✓ 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



12 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!