

## CMX-MTP16SMLC Datasheet

The Camplex CMX-MTP16SMLC breakout series features MTP16 APC male connectors that break out into 16 Standard LC/UPC male Single Mode duplex fiber connectors. The MTP16 APC connectors ensure low insertion loss and high performance for permanent installations.

The CMX-MTP16 breakout series are ideal for breaking out your Single Mode and Multimode MTP/MPO 16 fiber breakouts into ST, LC, and other industry-standard fiber connectors. They are perfect for breakouts, patch panels, rack-to-rack or rack-to-equipment installations in the studio, or field deployment.

### Features:

- Male APC Single Mode MTP16 connector breaks out to (16) Duplex LC/UPC Single Mode connectors
- Low insertion loss and high return loss
- Meets TIA/EIA-568C.3 and GR-326-CORE Requirements
- UL Plenum (OFNP/FT6) rated

### Specifications:

- **Cable Type:** SM 16 Fiber 9/125µm (Single Mode)
- **Cable O.D:** 0.11in (3mm)
- **Simplex Leg O.D:** 0.07in (2mm)
- **LC/UPC Duplex Connector Furcation:** 0.07in (2mm)
- **Connector A:** MTP/APC 16 Fiber Male Single Mode
- **Connector B:** LC/UPC Single Mode Duplex
- **Insertion Loss (MTP):** <0.35dB
- **Insertion Loss (LC):** <0.3dB
- **Return Loss (MTP):** >60dB
- **Return Loss (LC):** >50dB
- **Max Attenuation:** 0.34/0.20dB/km (1310/1550nm)
- **Min Bend Radius Fixed:** 2.3in (6cm)
- **Min Bend Radius Flexing:** 1.18in (3cm)
- **Operating Temperature:** -4°F to 158°F (-20°C TO +70°C)
- **Storage Temperature:** -40°F to 158°F (-40°C TO +70°C)

