

## CMX-1RM-MTP Series Datasheet

Complex's 1RM-MTP series of 1RU breakout boxes adapts 12-channel opticalCON MTP to your choice of opticalCON QUAD, opticalCON DUO, LC Duplex, or ST connectors. The 1RM-MTP features color-coded gaskets according to the fiber type, and each channel is marked for fast and easy identification. The 1RM-MTP series is available in single mode and multimode.

### Features:

- Lightweight 1RU aluminum enclosure
- High-Quality Neutrik connectors
- Connector gaskets are color-coded according to Fiber Mode for easy identification
- Low-loss opticalCON MTP connectors
- Internal Complex MTP breakout cable
- All channels are marked on the front and back of the enclosure for easy identification



CMX-1RM-MTP12ST



CMX-1RM-MTPDUO



CMX-1RM-MTP12LC



CMX-1RM-MTPMDUO



CMX-1RM-MTP12MLC



CMX-1RM-MTPQUAD



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### Specifications:

#### Complex Single Mode MTP APC connector:

- Insertion Loss: <0.35dB
- Return Loss: >60dB

#### Complex OM3 Multimode MTP PC Connector:

- Insertion Loss: <0.35dB
- Return Loss: >20dB

#### Neutrik NO12FDW-A Connector:

- Insertion Force: < 45 N
- Withdrawal Force: < 45 N
- Lifetime: 2500 Mating cycles
- Locking Force: 1000 N
- Locking Device: Push-Pull
- Insertion Loss: < 0.9 dB / connection

#### Neutrik NO2-4FDW-A Connector:

- Dielectric Strength: 1.5 kVdc
- Insertion Force: < 45 N
- Withdrawal Force: < 45 N
- Lifetime: 5000 mating cycles
- Locking Force: 1000 N
- Locking Device: Push-Pull
- Insertion Loss: < 0.4 dB / connection

#### Neutrik NO4FDW-A

- Insertion Force: < 45 N
- Withdrawal Force: < 45 N
- Lifetime: 5000 mating cycles
- Locking Device: Push-Pull

#### ST Connectors:

- Insertion Loss: ≤0.2dB
- Lifetime: 1000 Mating Cycles