

CMX-1RM-MTP24 Series Datasheet

Camplex's 1RM-MTP24 series of 1RU breakout boxes adapts 24-channel opticalCON MTP to your choice of opticalCON QUAD, opticalCON DUO, LC Duplex, or ST connectors. The 1RM-MTP24 features color-coded gaskets according to the fiber type, and each channel is marked for fast and easy identification.

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 Camplex MTP Breakout Cable
- All Channels are Marked on the Front and Back of the Enclosure for Easy Identification



CMX-1RM-MTP24DUO



CMX-1RM-MTP24LC



CMX-1RM-MTP24QUD



CMX-1RM-MTP24ST

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Specifications:

Dimensions: 19"W x 9.125"D x 1.5"H

Camplex Single Mode MTP APC Connector:

- **Fiber Type:** Single Mode
- **Core Cladding Diameter:** 9/125µm
- **Insertion Loss (MTP):** <0.35 dB
- **Return Loss (MTP):** >60 dB
- **Insertion Loss (LC/ST):** <0.3 dB
- **Return Loss (LC/ST):** >50 dB
- **Max. Attenuation (1310/1550nm):** 0.34/0.20 dB/km

Neutrik MTP N024FDW-A Connector:

- **Insertion Loss:** < 0.9 dB / connection
- **Insertion Force:** < 45 N
- **Withdrawal Force:** < 45 N
- **Locking Force:** 1,000 N
- **Locking Device:** Push-Pull
- **Lifetime:** 2,500 mating cycles
- **Protection Class:** IP65 in mated condition in combination with SCDP-*

Neutrik opticalCON QUAD N04FDW-A Connector:

- **Insertion Loss:** < 0.5 dB / connection
- **Insertion Force:** < 45 N
- **Withdrawal Force:** < 45 N
- **Locking Device:** Push-Pull
- **Lifetime:** 5000 mating cycles
- **Protection Class:** IP65 in mated condition in combination with SCDP-*

Neutrik opticalCON DUO N02-4FDW-A Connector:

- **Insertion Loss:** < 0.4 dB / connection
- **Optical Connector:** LC-Duplex
- **Contact Resistance:** < 7 mΩ
- **Dielectric Strength:** 1,5 kVdc
- **Insulation Resistance:** > 2 GΩ
- **Rated Current per Contact:** 6 A
- **Rated Voltage:** < 50 V
- **Insertion Force:** < 45 N
- **Withdrawal Force:** < 45 N
- **Locking Force:** 1000 N
- **Locking Device:** Push-Pull
- **Lifetime:** 5000 mating cycles
- **Protection Class:** IP65 in mated condition in combination with SCDP-*



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Specifications:

Switchcraft LC Connector:

- Insertion Loss: 0.75 dB

Camplex ST Connector:

- Insertion Loss: <0.5dB
- Lifetime: 1000 Mating Cycles

Export Information

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US Dept. of Commerce CCATS: N.a

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