

HF-OC2MX Series Datasheet

Camplex's HF-OC2MX series of X-TREME Tactical 2-channel Multimode OM3 fiber cables are designed to provide a reliable signal after multiple deployments in harsh environments. Its durable double jacketing provides improved rodent protection as well as UV and sunlight protection, while glass yarn construction offers added strength. Equipped with rugged Neutrik opticalCON DUO connectors that offer fiber optic protection due to the automatically sealing cover. The HF-OC2MX is ideal for demanding applications, including live and studio audio, broadcast, field production, digital signage, and outdoor events.

Features:

- Belden Tactical OM3 Multimode Cable equipped with High-quality Neutrik opticalCON DUO connectors
- Polyurethane double jacket for improved rodent protection
- Water blocking Aramid and glass yarn strength members
- Excellent dust and dirt protection due to the automatically sealing cover
- Reliable Push-Pull locking mechanism



HF-OC2MX



HF-TROC2MX

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Specifications:

Belden 2-Channel Tactical OM3 Fiber Cable:

- **Fiber Type:** OM3 Multimode
- **Fiber Count:** 4
- **Buffer Construction:** Tight
- **Buffer Material:** Nylon
- **Buffer Diameter:** 0.03in (0.9mm)
- **Cable Core Water blocking:** Water blocking Aramid Yarns + Glass Yarns
- **Number of Jackets:** Double Jacketed
- **Inner Jacket Material:** Polyurethane
- **Outer Jacket Material:** Polyurethane
- **Outer Jacket Nom Diameter:** 0.36in (9.2mm)
- **Attenuation:**
 - **Max. Attenuation at 1300 nm:** 0.9 dB/km
 - **Max. Attenuation at 850 nm:** 2.9 dB/km
- **Bend Radius:**
 - **Installation:** 2.89in (76.40mm)
 - **Operation:** 1.44in (36.57mm)
- **Max. Tensile Strength:**
 - **Installation:** 2400 N (540 lbs)
 - **Operation:** 800 N (180 lbs)
- **Max Crush Resistance:**
 - **Installation:** 5 kN/m
 - **Operation:** 3 kN/m
- **Temperature:**
 - **Operating:** -94°F to 185°F (-70°C to +85°C)
 - **Installation:** 23°F to 122°F (-5°C to +50°C)

Neutrik Connectors:

- **Insertion Loss:** < 0.5 dB / connection
- **Optical Connector:** LC-Duplex
- **Optical Wiring:** ISO / IEC 11801
- **Insertion Force:** < 45 N
- **Withdrawal Force:** < 45 N
- **Lifetime:** 5000 mating cycles
- **Locking Device:** Push-Pull