

## HF-TROC2M Series Datasheet

The Camplex HF-TROC2M series is a rugged tactical fiber optic snake-on-reel featuring opticalCON DUO push-pull locking connectors and a heavy-duty 2-channel OM3 Multimode tactical fiber cable.

The LC-based opticalCON ADVANCED system allows for easy system integration with an existing LC infrastructure. The HF-TROC2M series ships on an easily deployable cable reel and is suitable for outside broadcast, field production, and other harsh environments.

### Features:

- LC-based Neutrik opticalCON ADVANCED system with spring-loaded push-pull locking mechanism and all metal connector housing
- Tactical tight-buffered OM3 Multimode cable with polyurethane jacket
- IP65 rated in mated condition
- Heavy duty deployable reel

### Specifications:

- **Fiber Type:** OM3 Multimode
- **Cable Diameter:** 0.20in (5.0mm)
- **Core/Cladding Diameter:** 50/125  $\mu\text{m}$
- **Gigabit Ethernet Distance:** 1000/600 m
- **10-Gigabit Ethernet Distance:** 300/300 m
- **Maximum Cable Attenuation:** 3.5/1.5 dB/km
- **Minimum Laser EMB Bandwidth:** 2000/500
- **Minimum ODL LED Bandwidth:** 1500/500
- **Wavelength:** 850/1310 nm
- **Jacket Color:** Black
- **Jacket Material:** Polyurethane
- **Buffer Material:** Hard Elastomeric
- **Max Tensile Load Installed:** 1800 N (400lbs)
- **Max Tensile Load Operating:** 600 N (130lbs)
- **Min Bend Radius Fixed:** 2.0in (5.0cm)
- **Min Bend Radius Flexing:** 1.0in (2.5cm)
- **Impact Resistance EIA/TIA-455-25A:** 1500 Impacts
- **Crush Resistance TIA/EIA-455-41A:** 1800 N/cm
- **Operating Temperature:** -40°F to 185°F (-40°C to +85°C)
- **Storage Temperature:** -94°F to 185°F (-70°C to +85°C)
- **Weight:** 0.015lbs/ft



HF-TROC2M



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Export Information

Country of Origin: USA

US ECCN: EAR99

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US Dept. of Commerce CCATS: N.a

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