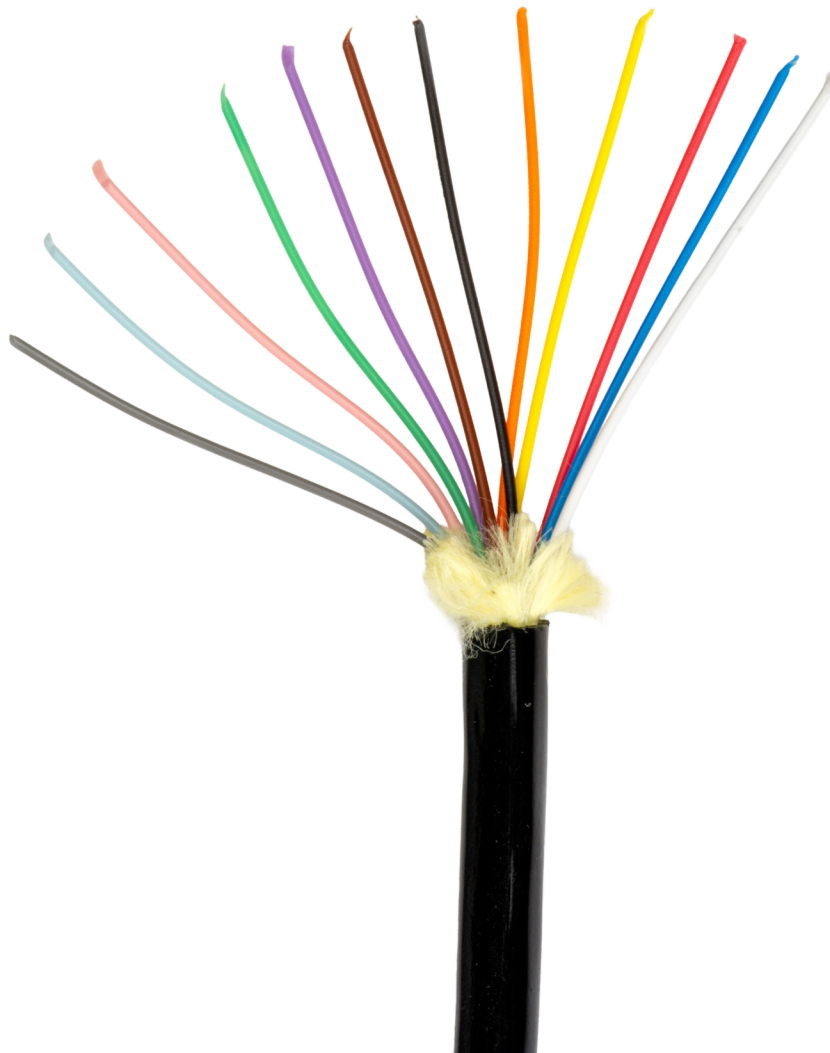


Complex CMX-SM-TAC12 Datasheet

The Complex CM-SM-TAC12 is a 12-Fiber, bend-tolerant Single Mode field fiber optic cable designed for reliable signal transport in demanding A/V and broadcast environments. It combines lightweight field handling with OS2 performance, making it a practical choice for temporary runs, live production, and other applications where durability and low-loss optical transmission matter.

Features:

- Indoor/Outdoor Rated Jacket
- Designed to Withstand Crush and Impact After Deployment
- Flexible and Durable Tactical Cable
- Excellent Crush and Impact Resistance Due to the Polyurethane Core-Locked Outer Jacket



Export Information

Country of Origin: USA

US ECCN: EAR99

HTS Code: 8544.42

US Dept. of Commerce CCATS: N.a

A Division of Tower Products Incorporated

Revision #01

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Specifications:

- **Fiber Type:** Bend Tolerant Single Mode
- **Core/Cladding Diameter (µm):** 9/125
- **Wavelength (nm):** 1310/1550
- **Maximum Cabled Attenuation (dB/km):** 0.4/0.4
- **Primary coating Diameter (µm):** 245
- **Secondary Coating Diameter (µm):** 900
- **Zero Dispersion Slope (ps.nm²-km):** 0.092
- **Proof Test Level (kpsi):** 100
- **Jacket Material:** Polyurethane
- **Buffer Material:** Hard Elastomeric
- **Cable Diameter:** .026in (6.5mm)
- **Cable Weight:** 28lbs/1000' (41 kg/km)
- **Impact Resistance:** 1,500 Impacts
- **Crush Resistance:** 1,800 N/cm
- **Max. Tensile Load:**
 - Installation: 2,100 N (470 lbs)
 - Operating: 700 N (160 lbs)
- **Min Bend Radius:**
 - Installation: 2.6in (6.5cm)
 - Operating: 1.3in (3.3cm)
- **Temperature:**
 - Operating: -40°F to 185°F (-40°C to +85°C)
 - Storage: -94°F to 185°F (-70°C to +85°C)