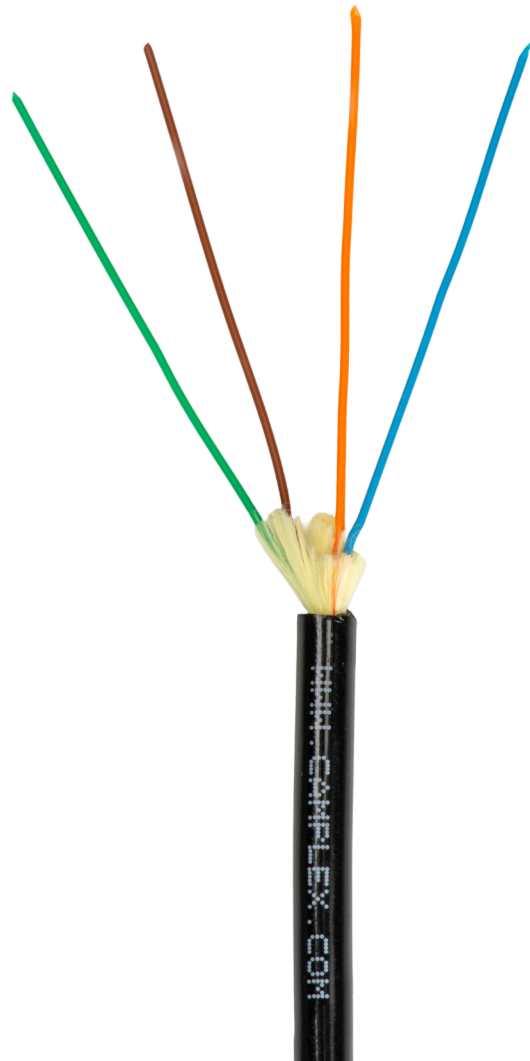


## Complex CMX-SM-TAC4 Datasheet

The Complex CM-SM-TAC4 is a 4-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.nm<sup>2</sup>-km):** 0.092
- **Proof Test Level (kpsi):** 100
- **Jacket Material:** Polyurethane
- **Buffer Material:** Hard Elastomeric
- **Cable Weight:** 18lbs/1000' (27 kg/km)
- **Impact Resistance:** 1,500 Impacts
- **Crush Resistance:** 1,800 N/cm
- **Max. Tensile Load:**
  - Installation: 1,800 N (400 lbs)
  - Operating: 600 N (130 lbs)
- **Min. Bend Radius:**
  - Installation: 2.2in (5.5cm)
  - Operating: 1.1in (2.8cm)
- **Temperature:**
  - Operating: -40°F to 185°F (-40°C to +85°C)
  - Storage: -94°F to 185°F (-70°C to +85°C)