

## HF-TS12LC-XXX Datasheet

The Camplex HF-TS12LC 12-Channel LC-Single Mode Fiber Optic Tactical Assembly is a highly rugged and lightweight tactical snake, ideal for Touring, Broadcast, Rental houses, Live Event Production, Military Field use, Commercial Applications and more. The HF-TS12LC utilizes a tactical breakout to ensure the weakest area of a cable, the breakout, remains rugged and reliable, with an aluminum body and individual tactical 36-inch fanout legs for added protection. The OCC 12 Channel tactical fiber uses a polyurethane jacket and "Core-Locking" jacket that provides resistance to chemicals, crushing forces, cutting forces, and harsh environments. The HF series from Camplex is a premium tactical cable built to exceed the requirements of rigorous field use.

### Features:

- OCC's 12-channel Low Water Peak Tactical Single-Mode Optic Fiber is outdoor-rated, chemical-resistant, crush-resistant, impact-resistant, and cut-resistant.
- Core-locked jacket reinforces the cable's core and additional crush and impact protection and tear resistance during installation.
- Helically Stranded Cable core for increased flexibility and protection.
- IP50-rated Breakout kit with 36-inch fanouts
- Individual fanout channels protected with 3mm riser-rated tactical furcation tubing



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### Specifications:

- **Fiber Type:** Low Water Peak Single Mode
- **Cable Diameter:** 0.26in (6.5mm)
- **Jacket Material:** Polyurethane
- **Buffer Material:** Hard Elastomeric
- **Core/Cladding Diameter:** 9/125  $\mu\text{m}$
- **Maximum Cabled Attenuation:** 0.5 dB/0.5 km
- **Max Tensile load (Installation):** 2100 N (470lbs)
- **Max Tensile load (Operating):** 700 N (160lbs)
- **Min Bend Radius (Installation):** 2.6in (6.5cm)
- **Min Bend Radius (Operating):** 1.3in (3.3cm)
- **Crush-Resistant (TIA/EIA-455-41A, Military Req):** 200 impacts
- **Impact Resistance (EIA/TIA-455-25A, Military Req):** 440 N/cm
- **Cable Weight:** 0.028lbs/ft (0.04kg/m)
- **Operating Temperature:** -67°F-185°F (-55°C to +85°C)