

Series 11 Premium Compression Connector, Torque Retaining, 35.9mm

CX-CN-FP11L



SPECIFICATIONS

FEATURES AND BENEFITS

- Supports wide bandwidth from 5 MHz to 3 GHz, suitable for CATV and broadband networks
- Excellent return loss performance across the full frequency range
- High shielding effectiveness minimizes signal ingress and egress
- Low insertion loss ensures superior signal quality at high frequencies
- Designed for RG11 cables, from standard to quad-shield constructions
- High cable retention strength for secure and reliable installations
- Rated for 90 V AC continuous operation
- Wide operating temperature range for indoor and outdoor environments
- Compatible with multiple standard CONEX compression tools

GENERAL SPECIFICATION

- **Impedance:** 75 Ohms (Nominal)
- **Bandwidth:** 5 – 3000 MHz
- **Operating Voltage:** 90 V (60 Hz continuous AC)
- **Operating Temperature:** –40 to +140 °F (–40 to +60 °C)
- **Cable Type:** RG11 cable (standard through quad-shield)
- **Withstand Tightening Torque:** 60 in-lbs
- **Cable Retention:** > 70 lbs (31.75 kg), ambient temperature
- **Mating Mechanism:** 7/16 Hex, 3/8-32 UNEF-2B threading
- **Construction Material:** Nickel-plated brass

Parameter	Specification
Return Loss (Minimum)	5 MHz–1 GHz: ≥ 30 dB 1.0–1.5 GHz: ≥ 25 dB 1.0–1.5 GHz: ≥ 25 dB
Shielding Effectiveness	≥ 100 dB (5–300 MHz) ≥ 90 dB (300 MHz–3 GHz)
Insertion Loss	≤ 0.2 dB @ 3 GHz
Operating Voltage	90 V AC, 60 Hz (continuous)
Operating Temperature	–40 to +140 °F (–40 to +60 °C)
Cable Range	RG11 cable, standard through quad-shield
Pin Diameter	0.037 in (0.94 mm)
Construction Materials	Body: Nickel-plated brass Pin: Beryllium copper with tin plating
Compatible Tools	CX-AC-AOC, CCX-AC-UCT-11, CX-AC-UCTX-11

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