



SPECIFICATIONS

FEATURES AND BENEFITS

- Supports 5 MHz to 3 GHz bandwidth for broadband and CATV applications
- Excellent return loss performance across the full frequency range
- High shielding effectiveness (≥ 100 dB) to minimize signal ingress and egress
- Designed for reliable performance in harsh outdoor environments
- Salt spray resistant construction for long-term durability
- Effective moisture migration protection when installed with seal ring
- Durable aluminum body with chromate finish

GENERAL SPECIFICATION

- **Impedance:** 75 Ohms (Nominal)
- **Bandwidth:** 5 – 3000 MHz
- **Operating Voltage:** 90 V (60 Hz continuous AC)
- **Shielding Effectiveness:** ≥ 100 dB (minimum)
- **Salt Spray Resistance:** 1,000 hours
- **Moisture Migration:** No dye penetration when installed on "F" port with seal ring

Parameter	Specification
Return Loss	≥ 25 dB (5–1002 MHz) ≥ 20 dB (1002–1500 MHz) ≥ 15 dB (1500–3000 MHz)
Length	1.50 in (38.2 mm)
Body Material	Aluminum with chromate finish
Insulator Material	PE
O-Ring Material	EPDM
Resistor	75 Ω , 1/4 W $\pm 5\%$, $\varnothing 0.8$ mm center conductor