



# COAX Models

## GENERAL SPECIFICATIONS

**Description:** Coaxial connected Surge Protective Device

**Application:** LANs operating Thin Ethernet/ThinNet (10Base2), Token Ring (802.5), CCTV, cable TV, RF receivers, satellite receivers and a wide variety of similar coaxial connected data and signal transfer circuits

**Warranty:** Five-Year Free Replacement

**Manufacturer Qualifications:** ISO 9001:1994 Quality System Certification BSI FM 30833 MIL-STD-220A IEEE-STD-C62.36-1994

## MECHANICAL SPECIFICATIONS

**Enclosure:** ABS Plastic UL94V-0 (all models)

**Connection:** Input – Female BNC 1ea (BNC model); Female F 1ea (F model); Female BNC 2ea (BNC-2 model)

Output – Female BNC 1ea (BNC model); Female F 1ea (F model); Female BNC 2ea (BNC-2 model)

Ground – Wire clamping box terminals (all models)

**Weight:** ≈ 1 lb (.45 kg) (all models)

**Operating Temperature:** -40° F (-40°C) to +176° F (+80°C)

## ELECTRICAL/PERFORMANCE SPECIFICATIONS

**Circuit Design:** Low capacitance, multi-stage hybrid design

**Protection Modes:** L-G, Shd-G

**Frequency Range:** DC – 1.5 GHz

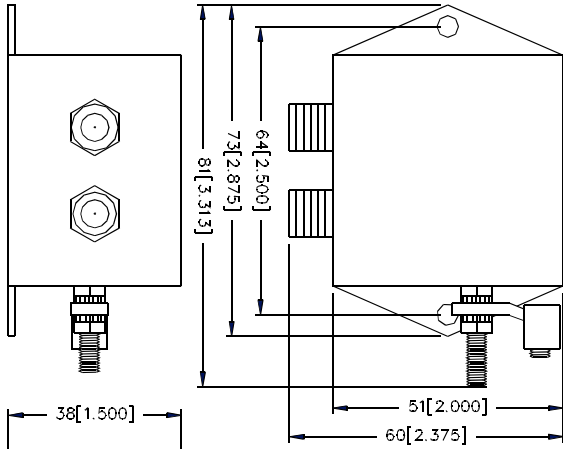
**Response Time:** ≤1 nanosecond

**Data Rate:** Up to 150 Mbps

**Maximum Continuous Operating Current:** 560 mA

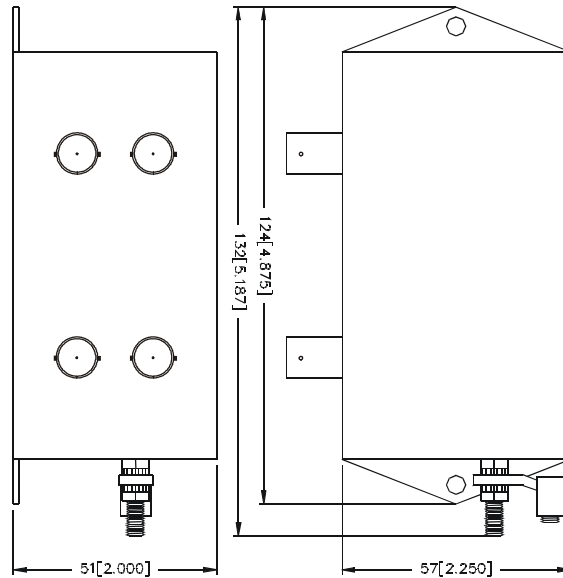
**Insertion Loss:** <3 dB from DC – 1.5 GHz

**Characteristic Impedance:** (all models) 75 Ω



Dimensions are in mm[inches]

**COAX-F & COAX-BNC Models**



Dimensions are in mm[inches]

**COAX-BNC-2 Model**

Model	Peak Surge Current	Maximum Continuous Operating Voltage (Vpk)	IEC 10 x 700 μS Impulse	
			500 V	1 kV
COAX-BNC-1.5GHz	10 kA	26 L-G	L-G, Shd-G	L-G, Shd-G
COAX-F-1.5GHz			34, 96 (Vpk)	39, 102 (Vpk)
COAX-BNC-1.5GHz-2				

