



# 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

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

