

COAX Models

38[1.500] Dimensions are in mm[inches]

COAX-F & COAX-BNC Models

51 2.000

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)

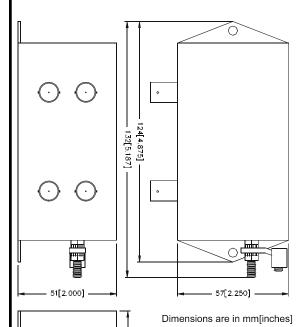
Output - Female BNC 1ea (BNC model); Female F 1ea (F

model); Female BNC 2ea (BNC-2 model)

Ground – Wire clamping box terminals (all models)

Weight: \approx 1 lb (.45 kg) (all models)

Operating Temperature: -40° F(-40° C) to $+176^{\circ}$ F($+80^{\circ}$ 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

 $\label{eq:loss} \mbox{Insertion Loss:} < 3 \mbox{ dB from DC} - 1.5 \mbox{ GHz} \\ \mbox{Characteristic Impedance:} \mbox{ (all models) } 75 \mbox{ }\Omega$

Model	Peak Surge Current	Maximum Continuous Operating Voltage (Vpk)	IEC 10 X 700 μS Impulse	
			500 V	1 kV
			L-G, Shd-G	L-G, Shd-G
COAX-BNC-1.5 GHz	10 kA	26 L-G	04.00	00.400
COAX-F-1.5 GHz			34, 96	39, 102
COAX-BNC-1.5 GHz-2			(Vpk)	(Vpk)

ISO 9001

(Coaxbnc.wmf, Coaxfbnc.wmf COAX-Spec.p65 07/07/03 ZM02-306)

LINNOVATIVE TECHNOLOGY

54[2.125]

COAX-BNC-2 Model

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