

# 1000 Base-T LAN Protector

Part Number: LAN-1000IS

**RoHS  
Compliant**

Features:

- High Speed 1000Base-T
- IEEE 802.3ab Compliant
- No Grounding Required (Insulating Type)
- DIN Rail or Surface Mountable
- 1000Mbps Data Rate
- GbE - Gigabit speed surge protection
- CAT5 and CAT5e Compatible
- All pins protected
- 100% Lead-Free (RoHS Compliant)



**100% Lead-Free (RoHS Compliant)**

Connector Style	RJ45 CAT5e UTP
Data Rate/Protocol	1000 Base-T - GbE 100 Base-TX 10 Base-T
Frequency	1MHz to 100MHz
Attenuation	Less than 3dB
Near End Crosstalk (NEXT)	> 30dB
AC Withstand Voltage	> 3kV
Impulse Withstand Voltage	> 5kV
Insulation Resistance	> 500 Megaohm 50VDC - Between Primary & Secondary
Protection Technology	Isolation Transformer
Humidity	90% non-condensing
Operating/Storage Temperature	-35° C to +60° C
Weight	1.92 oz (54 g)
Module Case Material	ABS Plastic, UL94 V-0 Flame Rating

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Applications:

- Remote Networking Equipment
- Routers and Access Points
- IP Phone Systems
- Office Networks
- Security Camera Systems
- WiMax Systems

