HyperLink Wireless brand HyperLink 10/100 Base-T Shielded CAT5 Lightning Surge Protector - Power-Over-Ethernet Compatible

Features

- Shielded RJ-45 jacks and metal housing for EMI noise suppression
- 802.3af Power-Over-Ethernet (PoE) compatible
- 10/100 Base-T CAT5 protection
- Cisco® Reverse Polarity PoE compatible
- Alvarion® BreezeACCESS™ VL compatible
- Industrial grade
- Cast aluminum construction
- Integral mounting feet
- RoHS Compliant

RoHS Compliant

Model: HGLN-CAT5-2

Description

Power-Over-Ethernet (PoE) Compatible

The HyperLink Shielded CAT5 Lightning Protector provides lightning and surge protection for CAT5 data applications. The unit is fully compatible with industry-standard IEEE 802.3af Power-over-Ethernet (PoE) devices and 10/100 Base-T Ethernet networks, providing protection to both Ethernet data pairs as well as the PoE DC power feed.

High speed semiconductors clamp any voltage, positive or negative on the wires. The limits are +/- 15 volts on pins, 1, 2, 3 and 6 and +/- 58 volts on pins 4, 5, 7 and 8. The unit is compatible with both normal and inverted polarity voltage PoE equipment. Most PoE capable equipment is not protected from surges on it's CAT5 cable.

Hyperlink's Shielded CAT5 Lightning Protector is compatible with 10/100 Base-T devices with or without Power-over-Ethernet (PoE) capability, including Wireless Access Points, Access Servers and Outdoor Routers that support Power-over-Ethernet (PoE).

Cisco Compatible

This lightning surge protector is compatible with Cisco Aironet® 1100 and 1200 series access points, DC Injectors and other equipment supporting reverse polarity PoE pinouts.

EMI Noise Suppression

The HGLN-CAT5-2 features shielded RJ45 jacks. This along with the HGLN-CAT5-2's metal housing helps reduce the effects of EMI interference. Additional features include a ground lug and terminal is provided directly on the lightning protector housing providing superior grounding. For maximum protection from lightning on long cable runs, two HGLN-CAT5-2 can be used, one at each end of the cable.

The cast aluminum housing includes integral mounting feet for ease of installation.

Specifications

Ethernet Connectors	(2) Shielded RJ45 Jack
Data Lines	Pair 1: Pins 1 and 2 Pair 2: Pins 3 and 6
Data Clamping Voltage	15 Volts
PoE Clamping Voltage	58 Volts
CAT-5 Power Pinouts	+/- VDC: Pin 4 +/- VDC: Pin 5 +/- VDC: Pin 7 +/- VDC: Pin 8
Enclosure Material	Cast Aluminum
Ground Lug	10 AWG Max.
Operating Temperature	-40 C (-40 F) to +80 C (+176 F)
Weight	.28 lbs. (.13 kg)
RoHS Compliant	Yes
Dimensions	3.6 x 1.4 x 1.2 (inches) 91.4 x 35.5 x 38.1 (mm)

*Unit provides protection to both jacks equally.