

HyperLink Wireless Brand Indoor 10/100 Base-T Shielded CAT5 Lightning Surge Protector

Features

- 10/100 Base-T CAT5 protection
- 802.3af Modes A and B Power-Over-Ethernet compatible
- Protects 4 data pairs
- Supports use of shielded CAT5 cable
- Cisco® Reverse Polarity PoE compatible
- Industrial grade cast aluminum construction with shielded RJ-45 jacks and integral mounting

Power Rating:



Model HGLN-CAT5J



Description

The HyperLink HGLN-CAT5J is a compact indoor lightning surge arrestor which provides protection for CAT5 data applications. The unit is fully compatible with industry-standard 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. The unit supports both modes A and B of the 802.3af standard for supplying DC power. Power can be fed up the CAT5 data pairs, 1-2, 3-6 or using the two unused pairs, 4-5, 7-8.

High-speed semiconductors clamp any voltage, positive or negative on the wires. The limits are +/- 58 volts on the four cable pairs. The unit is compatible with both normal and inverted polarity voltage PoE equipment. The design utilizes Thyristor diode technology which has superior power handling capability compared to TVS or Zener diode based designs.

This arrestor is compatible with both 10 Base-T and 100-Base devices as well as Power-over-Ethernet (PoE) devices, including Wireless Access Points, Wireless Client Devices, Access Servers, Outdoor Routers and IP Cameras. A ground lug and terminal is provided in the lightning protector housing providing superior grounding. The unit also supports the use of shielded CAT5 cable.

The HGLN-CAT5J features shielded RJ45 jacks. This along with the HGLN-CAT5J'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-CAT5J can be used, one at each end of the cable.

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

Cisco Compatible

This lightning surge protector is compatible with Cisco legacy network appliance products like Access Points, DC Injectors and other equipment supporting reverse polarity PoE pinouts.

Specifications

Electrical Specifications

Ethernet Connectors	(2) RJ45 Jacks
PoE Clamping Voltage	58 Volts

Mechanical Specifications

Enclosure Material	Cast Aluminum
Ground Lug	12 AWG Max.
Operating Temperature	-40 C (-40 F) to +80 C (+176 F)
Weight	.28 lbs. (.13 kg)
Dimensions (WxHxL)	3.6 x 1.4 x 1.2 (inches) 91.4 x 35.5 x 38.1 (mm)
RoHS Compliant	Yes

