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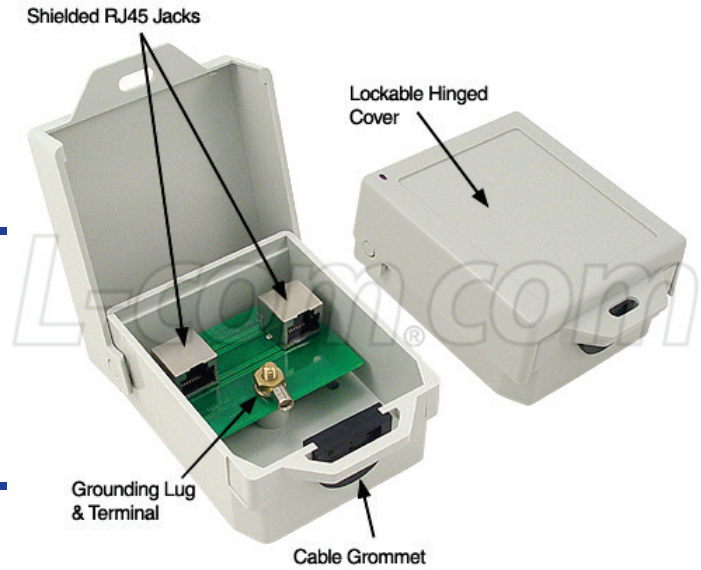
# HyperLink Wireless brand Weather Resistant 10/100/1000/10G Base-T CAT6A PoE Compatible Lightning Surge Protector

## Applications

- 10/100/1000/10000 Base-T Gigabit Ethernet Equipment
- Wireless Access Points & Bridges
- Wireless Client Adapters
- CCTV IP Cameras with PoE

## Features

- CAT5, CAT5e, CAT6 and CAT6A compatibility
- Impact and weather resistant enclosure with locking hinged cover
- Shielded RJ45 jacks
- PoE Compatible



**Model AL-CAT6AHPJW**

## Description

The AL-CAT6AHPJW lightning and surge protector provides superior lightning and surge protection with improved frequency response for indoor 10/100/1000/10000 Ethernet networks. The use of ultra-low capacitance semiconductors provides superior high frequency response and improved return loss for the four data pairs. The unit has low line to line and line to ground capacitance to minimize distortion of high-speed signals. The design provides protection for both common and differential mode surges. The design utilizes Thyristor diode technology which has superior power handling capability compared to TVS or Zener diode based designs. In addition, the unit is compatible with 802.3af Power-over-Ethernet (PoE) devices. This device supports PoE mode A and B for power. The unit supports normal and reverse polarity PoE used in some Cisco Access Points. The AL-CAT6AHPJW is compatible with wireless Access Points, Bridges, Client Adapters and Network Appliances with or without Power-over-Ethernet (PoE) functionality.



The compact weather resistant housing features a lockable hinged cover and mounting holes are provided on the rear of the enclosure for mounting. The cable grommet may be adjusted to cable size and are removable.

## Specifications

### Electrical Specifications

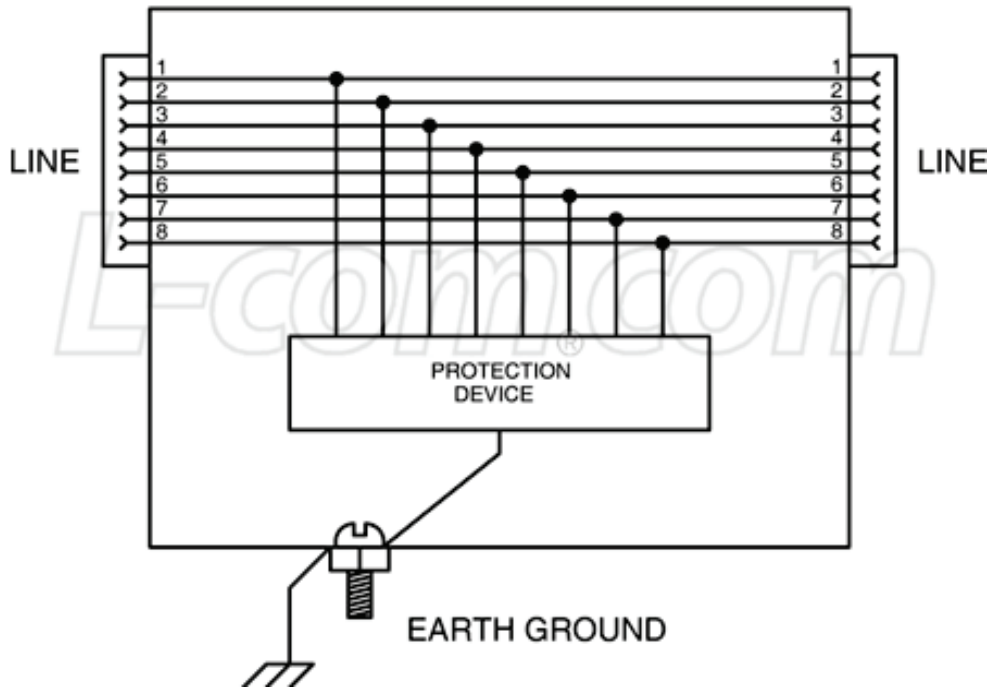
<b>Ethernet Connectors</b>	(2) RJ45 Jacks
<b>Clamping Voltage</b>	Line – Ground: 65 Volts Line – Line: 30 Volts
<b>Data Line Impedance</b>	100 Ohms Balanced
<b>CAT6 Data Lines</b>	Pair 1: Pins 1 and 2 Pair 2: Pins 3 and 6 Pair 3: Pins 4 and 5 Pair 4: Pins 7 and 8



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### Mechanical Specifications

<b>Enclosure Material</b>	Polycarbonate
<b>Enclosure Color</b>	Gray
<b>Ground Lug</b>	12 AWG Max.
<b>Operating Temperature</b>	-40 C (-40 F) to +80 C (+176 F)
<b>Weight</b>	.27 lbs. (.12 kg)
<b>Dimensions (WxHxL)</b>	3.06 x 1.93 x 4.06 (inches) 78 x 49 x 103 (mm)
<b>RoHS Compliant</b>	Yes



This product is backed by L-com's Limited Warranty.