

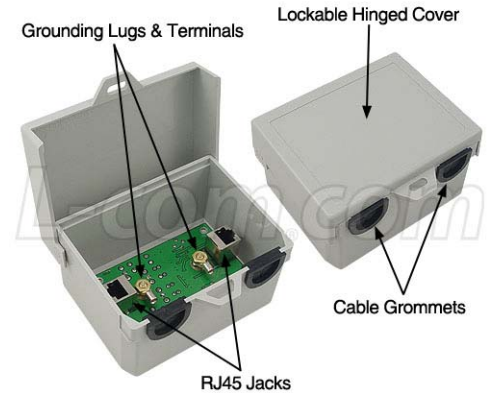
## HyperLink Wireless brand Weather Resistant 10/100 Base-T CAT5e Lightning Surge Protector

### Applications

- 10/100 Base-T Ethernet Equipment
- Wireless Access Points & Bridges
- Wireless Client Adapters
- IP Cameras

### Features

- CAT5 and CAT5e compatibility
- Power-Over-Ethernet (PoE) compatible
- Supports PoE mode A and B for power
- Shielded RJ45 Jacks
- Impact and weather resistant enclosure with locking hinged cover



**Model AL-CAT5EJW**

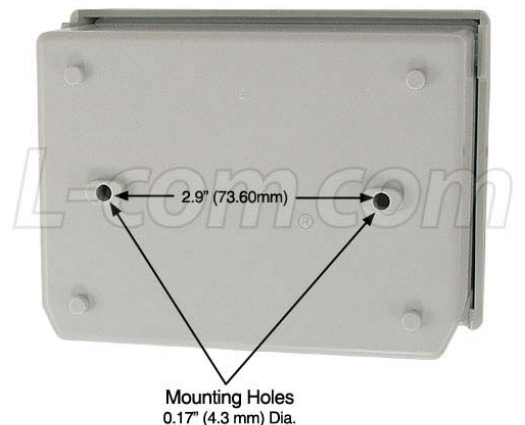
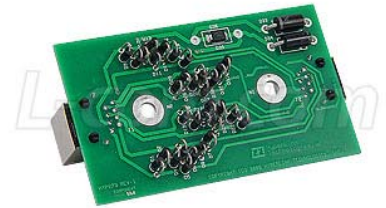
### Description

The HyperLink AL-CAT5EJW Lightning Protector provides superior lightning and surge protection for both indoor and outdoor 10/100 Base-T Ethernet networks. In addition, the unit is compatible with 802.3af Power-over-Ethernet (PoE) devices. Integral to the design is protection for the four Ethernet data pairs and the PoE DC power feed.

This unit supports normal and reverse polarity PoE used in some Cisco Access Points. The AL-CAT5EJW is compatible with Wireless Access Points, Access Servers and Outdoor Routers, with or without Power-over-Ethernet (PoE) functionality.

The unit features a low capacitance diode array that can withstand large surge currents. The design utilizes a Thyristor diode which switches to a low impedance state once triggered. This offers superior power handling capability compared to TVS or Zener diode based designs. The limits are +/- 58 volts on the four cable pairs.

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.



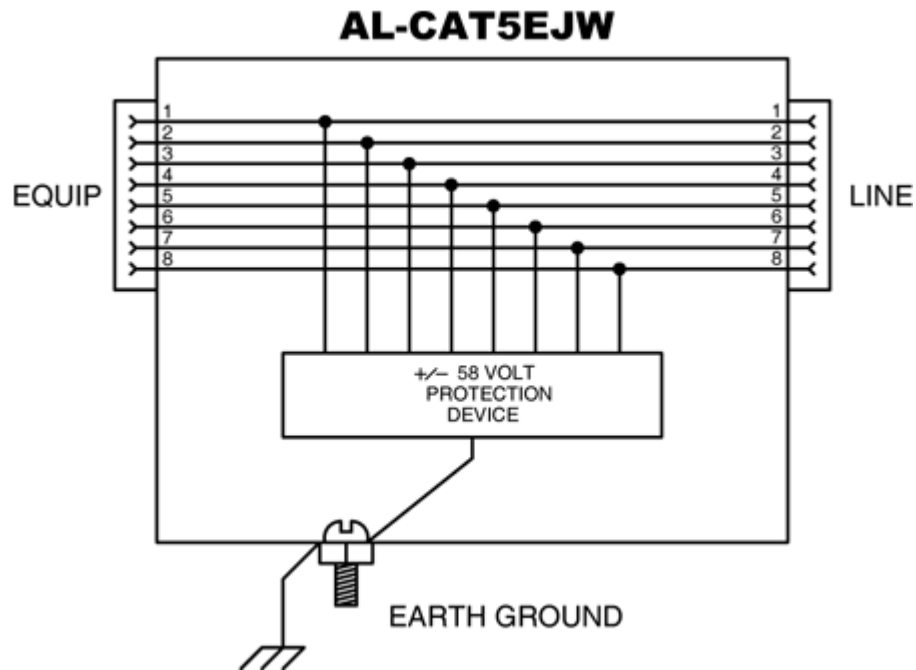
**Specifications**

**Electrical Specifications**

<b>Ethernet Connectors</b>	(2) Shielded RJ45 Jacks
<b>PoE Clamping Voltage</b>	+/- 58 Volts
<b>CAT5e Data Lines</b>	Pair 1: Pins 1 and 2 Pair 2: Pins 3 and 6 Pair 3: Pins 4 and 5, Spare Pair 4: Pins 7 and 8, Spare
<b>PoE Mode Support</b>	Mode A and B for power

**Mechanical Specifications**

<b>Enclosure Material</b>	Polycarbonate
<b>Enclosure Color</b>	Gray
<b>Ground Lug</b>	(2) 12 AWG Max.
<b>Operating Temperature</b>	-40 C (-40 F) to +80 C (+176 F)
<b>Weight</b>	.40 lb. (.18 kg)
<b>Dimensions (WxHxL)</b>	4.75 x 4.06 x 2.81 (inches) 120.6 x 103.1 x 71.3 (mm)
<b>RoHS Compliant</b>	Yes



**Guaranteed Quality**

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