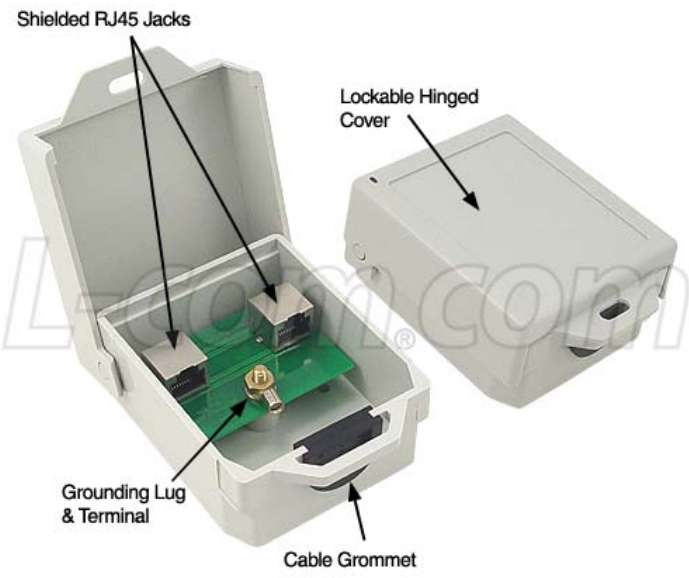
HyperLink Wireless brand Weather Resistant 10/100/1000 Base-T CAT6 PoE Compatible Lightning Surge Protector



Model AL-CAT6JW

Applications

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

Features

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

Description



The AL-CAT6JW lightning and surge protector provides superior lightning and surge protection with improved frequency response for indoor 10/100/1000 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-CAT6JW 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

Ethernet Connectors	(2) RJ45 Jacks
Clamping Voltage	Line – Ground: 65 Volts Line – Line: 30 Volts
Data Line Impedance	100 Ohms Balanced
CAT6 Data Lines	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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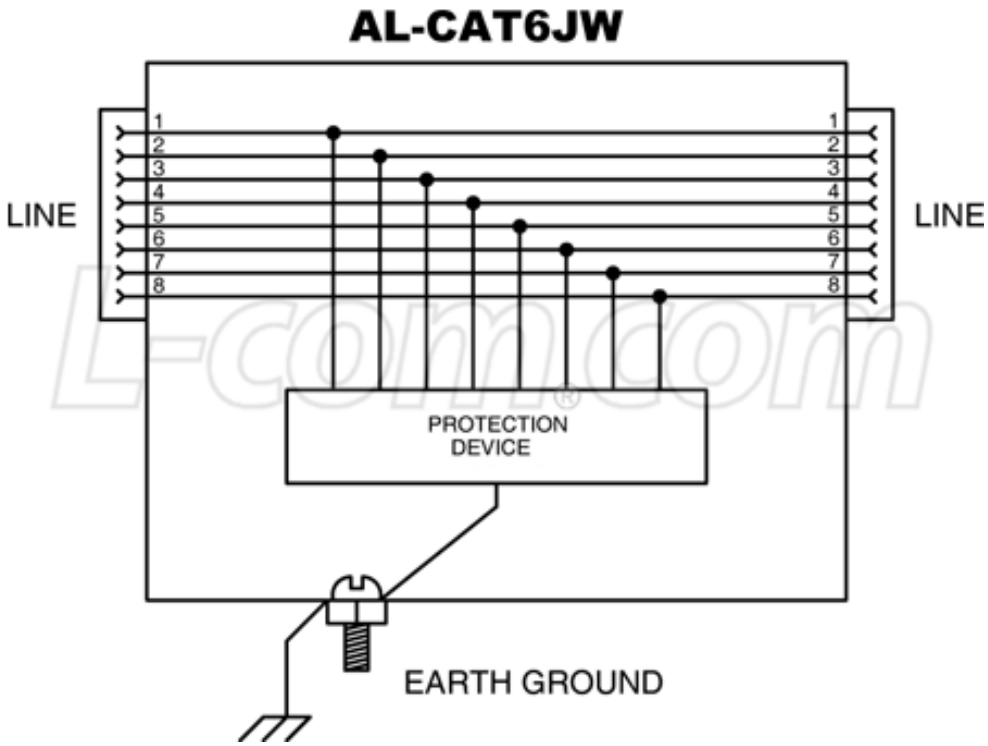
Mechanical Specifications

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



Guaranteed Quality

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

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