

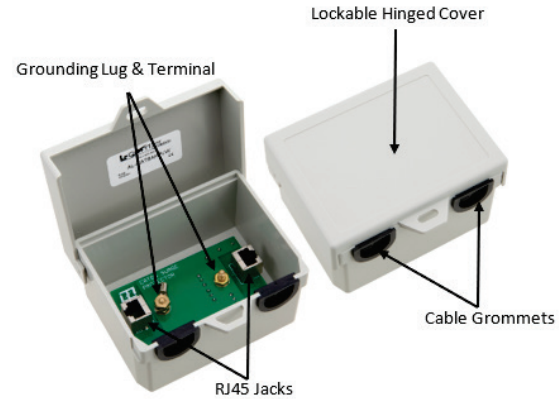
L-Com Wireless brand Weather Resistant 10/100/1000 Base-T High Power CAT6A Lightning Surge Protector

Applications

- 10/100/1000 Base-T Ethernet Equipment
- Intra-building Cable Runs
- Wireless Access Points & Bridges
- Wireless Client Adapters
- IP Cameras

Features

- CAT6, CAT6A, CAT5e and CAT5 compatibility
- GR-1089 Intra-Building rated
- Cable shield isolated from safety ground
- Power-Over-Ethernet (PoE+) compatible
- Impact and weather resistant enclosure with locking hinged cover



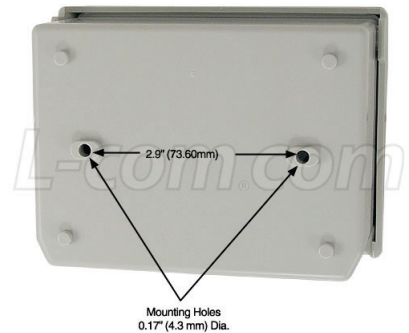
Model AL-CAT6AHPJW

Description

The L-Com AL-CAT6AHPJW Lightning Protector provides superior lightning and surge protection for indoor 10/100/1000 Base-T Ethernet networks. 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 AL-CAT6AHPJW has been designed to meet the GR-1089 Intra-Building surge protection requirements for 10/100/1000 Base-T Ethernet lines. 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 AL-CAT6AHPJW isolates the cable shield from the safety ground. This minimizes the chance of a ground loop being introduced.

The AL-CAT6AHPJW features shielded RJ45 jacks with isolation from the safety ground. This minimizes the chance for ground loops when using shielded cable.

For maximum protection from lightning on long cable runs, two AL-CAT6AHPJW's can be used - one at each end of the cable.



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) Shielded RJ45 Jacks
Clamping Voltage	Wire – Wire: 15 Volts Wire – Ground: 90 Volts Shield – Ground: 90 Volts
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
PoE Mode Support	IEEE 802.3at (PoE+), Mode A and B

Mechanical Specifications

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

