

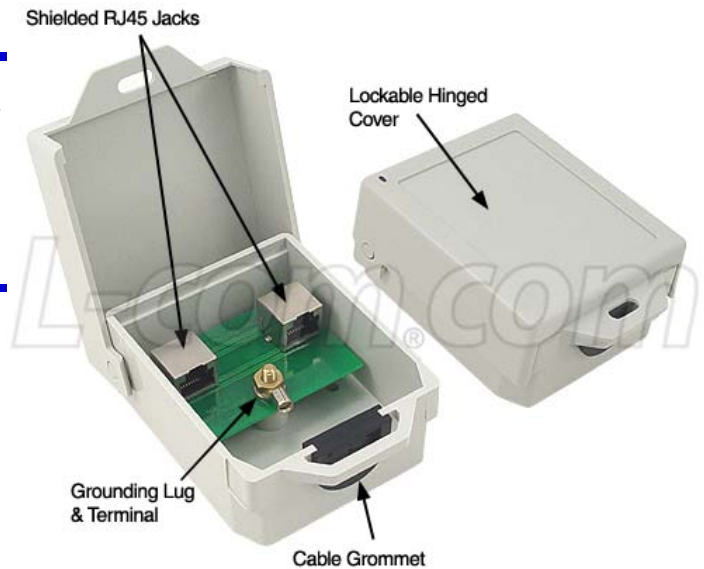
## HyperLink Wireless brand Weather Resistant 10/100/1000 Base-T CAT6 PoE Compatible High Power Lightning Surge Protector - Model: AL-CAT6JTW

### 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
- Reliable differential gas tube protection
- Impact and weather resistant enclosure with locking hinged cover
- Shielded RJ45 jacks
- PoE compatible

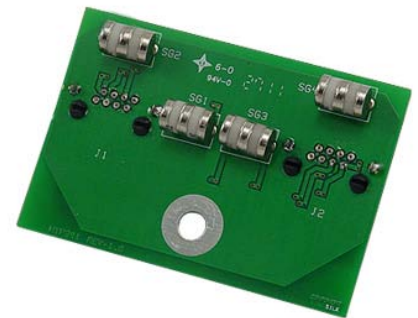


### Description

The AL-CAT6JTW lightning and surge protector provides superior lightning and surge protection with improved frequency response for indoor 10/100/1000 Ethernet networks. The unit has low line to line and line to ground capacitance to minimize distortion of high-speed signals. This design provides protection for both common and differential mode surges. The AL-CAT6JTW utilizes gas discharge tubes on each pair for superior power handling capability.

This protector is compatible with 802.3af/at Power-over-Ethernet (PoE) devices. It supports both PoE mode A and B for power.

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>Clamping Voltage</b>	Line – Ground: 90 Volts Line – Line: 90 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
<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>	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

