

HyperLink Wireless brand Compact and Weather Resistant 10/100 Base-T CAT5 Lightning Surge Protector with RJ45 Jacks

Model AL-CAT5JW

Features

- 10/100 Base-T CAT5 protection
- 802.3af Modes A and B Power-Over-Ethernet compatible
- Protects 4 data pairs
- Supports use of shielded CAT5 cable
- Cisco® Reverse Polarity PoE compatible
- RJ45 Jacks
- Impact and weather resistant
- Locking hinged cover
- RoHS Compliant



Description

The AL-CAT5JW is a Compact Weather Resistant Lightning Protector which provides lightning and surge protection for CAT5 data applications. The unit is fully compatible with industry-standard Power-over-Ethernet (PoE) devices and 10/100 Base-T Ethernet networks, providing protection to both Ethernet data pairs as well as the PoE DC power feed. The unit supports both modes A and B of the 802.3af standard for supplying DC power. Power can be fed up the CAT5 data pairs, 1-2, 3-6 or using the two unused pairs, 4-5, 7-8.

High speed semiconductors clamp any voltage, positive or negative on the wires. The limits are +/- 58 volts on the four cable pairs. The design utilizes Thyristor diode technology which has superior power handling capability compared to TVS or Zener diode based designs. The unit is compatible with both normal and inverted polarity voltage PoE equipment.

This Lightning Protector is compatible with both 10 Base-T and 100-Base devices as well as Power-over-Ethernet (PoE) devices, including Wireless Access Points, Wireless Client Devices, Access Servers, Outdoor Routers and IP Cameras. A ground lug and terminal is provided in the lightning protector housing providing superior grounding. The unit also supports the use of shielded CAT5 cable.

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

Cisco Compatible

This lightning surge protector is compatible with Cisco Aironet® 1100 and 1200 series access points, DC Injectors and other equipment supporting reverse polarity PoE pinouts.



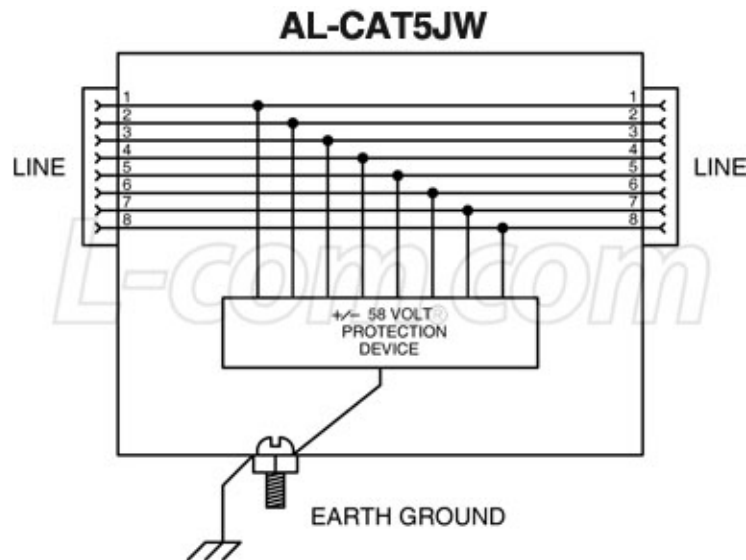
Specifications

Electrical Specifications

| | |
|-----------------------------|----------------|
| Ethernet Connectors | (2) RJ45 Jacks |
| PoE Clamping Voltage | 58 Volts |

Mechanical Specifications

| | |
|------------------------------|---|
| Enclosure Material | PVC |
| 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.