HyperLink Wireless brand Weatherproof 10/100 Base-T CAT5e Lightning Surge Protector

Applications

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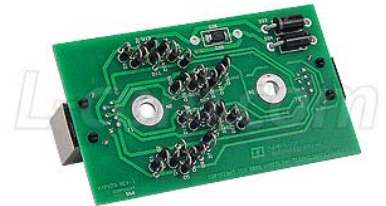- Wireless Client Adapters
- IP Cameras

Features

- CAT5 and CAT5e compatibility
- Power-Over-Ethernet (PoE) compatible
- Supports PoE mode A and B for power
- Shielded RJ45 Jacks
- Industrial grade weatherproof die cast aluminum enclosure with mounting brackets

Model ALW-CAT5EJ

RoHS Compliant

Description

The HyperLink brand ALW-CAT5EJ 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 ALW-CAT5EJ is compatible with Wireless Access Points, Access Servers and Outdoor Routers, with or without Power-over-Ethernet (PoE) functionality.

Industrial Grade Weatherproof Enclosure

This protector features an industrial grade die cast aluminum enclosure with gasketed cover and concealed mounting holes. It includes an aluminum mounting kit and hardware. PG16 cable glands are provided on the enclosure as well as an external ground clamp to provide a tie point for earth ground. The PG16 cable glands are large enough to pass a un-boot RJ45 connector through so pre-terminated cables can be used.

Specifications

Electrical Specifications

Ethernet Connectors	(2) Shielded RJ45 Jacks
PoE Clamping Voltage	+/- 58 Volts
CAT5e Data Lines	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
PoE Mode Support	Mode A and B for power

Mechanical Specifications

Enclosure Material	Die Cast Aluminum
Enclosure Color	Gray
Ground Lug	10 AWG Max.
Operating Temperature	-40 C (-40 F) to +80 C (+176 F)
Weight	1.15 lb. (.52 kg)
Dimensions (WxHxL)	4.91 x 3.14 x 2.30 (inches) 124.8 x 79.7 x 58.4 (mm)
RoHS Compliant	Yes