L-com® Global Connectivity

HyperLink brand HyperLink 10/100/1000 Base-T Shielded CAT6 Lightning Surge Protector

Features

- CAT6, CAT5e and CAT5 compatible
- Shielded RJ-45 jacks and metal housing for EMI noise suppression
- 10/100/1000 Base-T Gigabit Ethernet protection
- Industrial grade
- Cast aluminum construction
- Integral mounting feet
- RoHS Compliant

Model: HGLN-CAT6

Designed & Manufactured in the USA
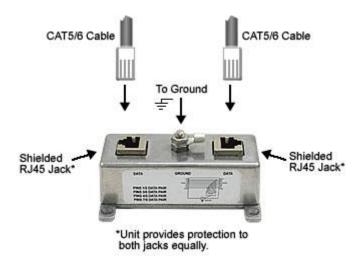by HyperLink Technologies

RoHS Compliant

Description

Hyperlink's HGLN-CAT6 Lightning Protector is compatible with 10, 100 and 1000 Base -T and Gigabit Ethernet networks. This unit individually protects the 8 wires in standard "CAT5/CAT6" cable. High-speed devices clamp any voltage, positive or negative on the wires. The design uses transmission line layout techniques to maintain a balanced 100 ohm impedance in the signal path of the four pairs for minimal insertion loss and superior high frequency response.

The HGLN-CAT6 features shielded RJ45 jacks. This along with the HGLN-CAT6's metal housing helps reduce the effects of EMI interference. Additional features include a ground lug and terminal is provided directly on the lightning protector housing providing superior grounding. For maximum protection from lightning on long cable runs, two HGLN-CAT6 can be used, one at each end of the cable.

The cast aluminum housing includes integral mounting feet for ease of installation.

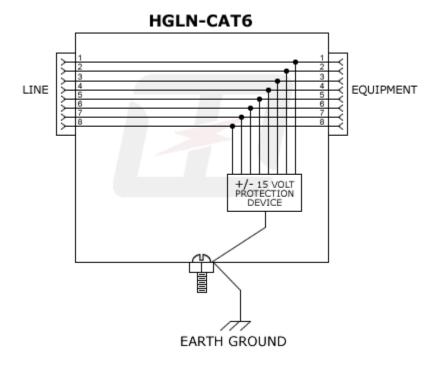**Note: This protector is NOT PoE (Power-Over-Ethernet) compatible.**

Specifications

Electrical Specifications

Ethernet Connectors	(2) RJ45 Jack
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
Clamping Voltage	35 Volts
Continuous Operating Voltage	15 Volts

Mechanical Specifications

Enclosure Material	Cast Aluminum
Ground Lug	10 AWG Max.
Operating Temperature	-40 C (-40 F) to +80 C (+176 F)
Weight	.28 lbs. (.13 kg)
Dimensions	3.6 x 1.4 x 1.2 (inches) 91.4 x 35.5 x 38.1 (mm)
RoHS Compliant	Yes

Guaranteed Quality

This product is designed and manufactured by HyperLink Technologies in the U.S.A. and is backed by Hyperlink's Limited Warranty.