

HyperLink Wireless Brand Outdoor DSL / Telephone Lightning Surge Protector - Model: AL-D4W-DP

Applications and Features

- Applications:**
- DSL lines
 - T1, E1, J1 lines
 - Telephone lines
 - Balanced audio lines

- Features:**
- Punch down terminal blocks
 - Impact and weather resistant
 - Locking hinged cover



Description

High voltage transients caused by lightning strikes have the ability to easily destroy semiconductor junctions, and thus, cause equipment failure and loss. A lightning strike close to data lines can also cause induced currents in lines that can also do serious damage. The AL-D4W-DP high performance lightning protector provides superior protection of DSL and Telephone lines from these transients or surges.

The low capacitance diode array minimizes degradation of the DSL signal. This is in comparison to protectors based on high capacitance TVS diodes or Varistors. The high speed diode array responds to transients that are too fast for Gas Tube based protectors to catch. In addition, the design utilizes Thyristor diode technology which has superior power handling capability compared to TVS or Zener diode based designs. The unit will protect up to 4 signal pairs. For more complete protection, two units should be used, one on each end of the line.

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.



Specifications

Electrical Specifications

Applications	DSL, Telephone, T1 Lines
Connections	(4) Punch Down Terminal Blocks
Clamping Voltage	± 170 Volts

Mechanical Specifications

Enclosure Material	Gray PVC
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" (78 x 49 x 103 mm)
RoHS Compliant	Yes

