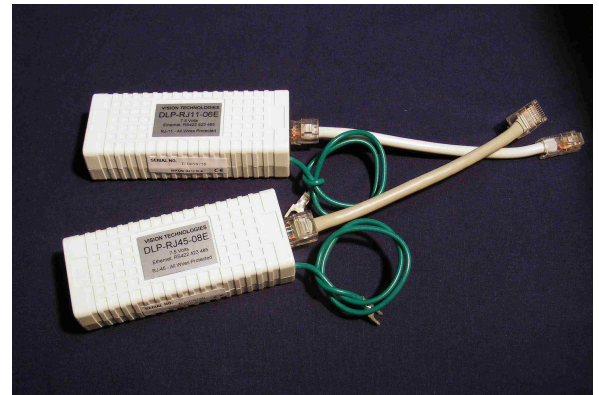


DLP Signal Line Protector

Creating Systems to Control, Power & Integrate Your Business

Outstanding Features:

- ◆ State-of-the-art, avalanche diode and thyristor technology
- ◆ Compact, in-line installation
- ◆ High speed, high energy handling capability
- ◆ Low shunt capacitance to reduce signal loss



The DLP Series of surge protectors for RJ45 and RJ11 connectors will ensure the reliable operations of devices in a wide variety of environments. We offer protection for LAN interface technologies such as Ethernet, 10/100BASE T, CAT5, CAT5e, CAT6, and Power over Ethernet. For WAN and Telco applications we offer protection for ISDN, T-1, E-1, DDS, analog dial-ups, and more. Additionally, our Custom Products Division provides a solution for almost any application that sends data, voice, or video over copper interconnects.

The DLP Series devices guard sensitive data networks against lightning induced surges, AC power interference, electrostatic discharge, and ground loop energies. Typical applications include: NIC's, switches, hubs, repeaters, bridges, routers, point of sale terminals, modems, fax machines, telephones and most other types of communications equipment utilizing RJ45 or RJ11 modular telephone jacks. High speed avalanche diode technology is used in conjunction with low

capacitance circuitry enabling the protectors to function at a much greater bandwidth without causing signal degradation. Standard units are available with up to 8 wires protected on the RJ45 devices, and up to 6 wires protected on the RJ11 device. All this, in combination with their small size, makes the DLP exceedingly versatile.

The DLP Series protectors offer the following benefits:

- Affordable, superior, equipment protection
- Improved reliability and maximized system up-time
- Protection at the interface card
- Adaptability to most industry applications

Ground wire must be grounded directly to the metal chassis of the equipment being protected. The equipment chassis must be connected to earth through a properly grounded AC power receptacle.


CAROLINA PRODUCTS INC

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DLP Technical Specifications

	10BASE T RS/422/423	100 BASE T Ethernet CAT5/5E	100 BASE T Ethernet CAT6	RS-232
STD. CLAMP VOLTAGE	7.5 VOLTS	12 VOLTS	7.5 VOLTS	18 VOLTS
PEAK PULSE CURRENT (10/1000 uSec.)	132 AMPS	97 AMPS	132 AMPS	60 AMPS
RESPONSE TIME	LESS THAN 5 NANOSECONDS FOR ALL DEVICES			
MAXIMUM SHUNT CAPACITANCE	<40 pF	<25 pF	<5pf	<40pF

To order a DLP, choose the connector type depicted below that accommodates the system. For example: To protect a 100BaseT Ethernet connection, choose the DLP-C5E. Contact your representative or the factory for assistance.

PRODUCT SELECTION

	Wires Protected	10Base T Ethernet	100Base T Ethernet	RS422/RS423	RS232
RJ-11	All 6	x	x	DLP-RJ11-06E	x
RJ-45	All 8	DLP-RJ45-08E	DLP-C5E	DLP-RJ45-08E	DLP-RJ45-08E

To place an order for a CPI DLP Signal Line Protector simply call or email CPI with the model number, quantity desired, purchase order number and the ship to address and CPI will do the rest.

**CALL TODAY AND LET CPI BUILD A
SYSTEM TO CONTROL, POWER, &
INTEGRATE YOUR BUSINESS**


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