

COMPUTER NETWORK PROTECTOR

Protects sensitive computer networks like router, hubs, switches, PC workstations using 10/100/1000 BaseT, CCDI, ATM155 against lightning induced surges, AC power interference and ground loop energies

- ◆ **Single port or multi-port protection**
- ◆ **Versatile Ethernet system protection(CAT5, CAT5e, CAT6, Power-over-Ethernet)**
- ◆ **All mode protection**
- ◆ **State-of-the-art avalanche diode technology**
- ◆ **Low shunt capacitance and in-line resistance to reduce signal loss**
- ◆ **Simple plug-in installation**



Single-port or multi-port protection -

LPP series of computer network protectors offers a flexible surge protection solution that can grow with your requirements. It is available for single port computer terminal protection and multiport protection with a maximum of 24 port, 19" rack-mounting applications such as hubs, routers, switches, ATMs using RJ45 connectors.

Versatile Ethernet system protection(CAT5, CAT5e, CAT6, Power-over-Ethernet) - LPP series are designed to protect all widely used computer network system using Ethernet twisted pairs technology like 10/100/1000 BaseT, CDDI, ATM155 and also the Power-over-Ethernet.

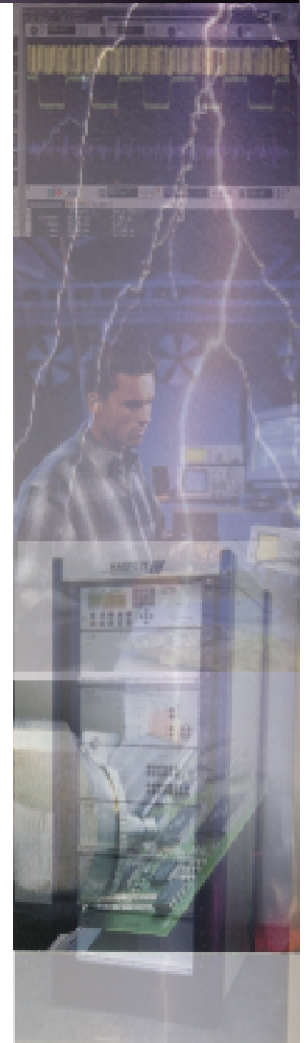
All mode protection - Transient overvoltage due to lightning induced surges, AC power interference and ground loop energies appearing between any signal pair and/or its ground can damage the sensitive network equipment, LPP series protector are uniquely designed to protect both common and differential

mode in all the 8 pins of the RJ45 port and its ground lead.

State-of-the-art avalanche diode technology - The sophisticated hybrid circuitry using Silicon Avalanche diode ensures very fast response time and exceptional low let-through voltage which results in maximum system reliability and up-time.

Low shunt capacitance and in-line resistance to reduce signal loss - With only 5pF shunt capacitance and negligible in-line resistance, even the most demanding high speed gigabit multimedia signal can be passed without much signal degradation.

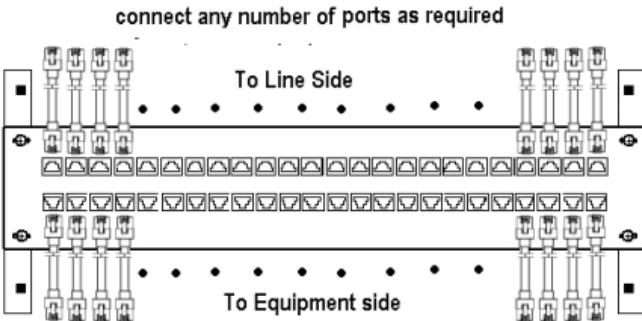
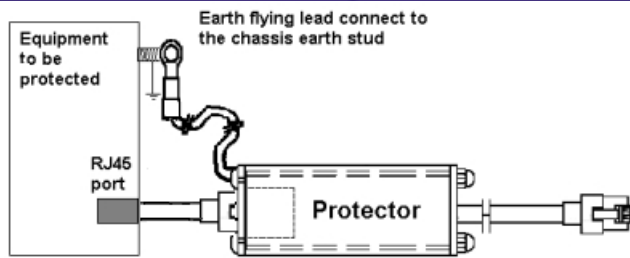
Simple plug-in installation - The compact, in-line and simple plug-in design enables it to be easily located near to the protected equipment. When multiport protection is required, the 19" rack-mounting models can be used which can hold up to 24 ports and only occupying 2U space.



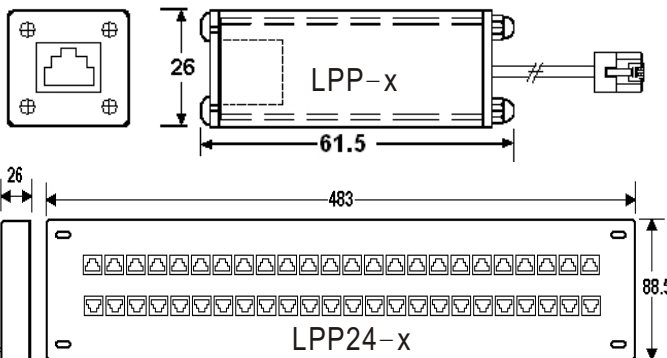


SPECIFICATIONS AND DRAWINGS

Installation



Dimensions



Ordering Information

MODEL	DESCRIPTION
LPP-C5	single port, 10/100BaseT Protector
LPP-C6	single port, 1000BaseT Protector
LPP-PoE	single port, 10/100BaseT, Power-Over-Ethernet Protector
LPP8-C5	8 port, 19"rack-mount, 10/100BaseT Protector
LPP8-C6	8 port, 19"rack-mount, 1000BaseT Protector
LPP8-PoE	8 port, 19"rack-mount, 10/100BaseT, Power-Over-Ethernet Protector
LPP16-C5	16 port, 19"rack-mount, 10/100BaseT Protector
LPP16-C6	16 port, 19"rack-mount, 1000BaseT Protector
LPP16-PoE	16 port, 19"rack-mount, 10/100BaseT, Power-Over-Ethernet Protector
LPP24-C5	24 port, 19"rack-mount, 10/100BaseT Protector
LPP24-C6	24 port, 19"rack-mount, 1000BaseT Protector
LPP24-PoE	24 port, 19"rack-mount, 10/100BaseT, Power-Over-Ethernet Protector

Notes:

- (1) Any number of ports are available on requested
- (2) The single port models are male(RJ45 plug) to female(RJ45 socket) configuration. If male to male(M/M) or female to female(F/F) is required, pls add "M" or "F" at the suffix of the model number

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General Specifications

Max. working voltage:	5V
Max. operating current:	300mA
Protection modes:	Common and transverse
Lines protected:	All pairs
Response time:	5ns
Max. surge rating:	100A(8/20µs)
Max. data rate:	100Mb/s (C5, PoE models) 1000Mb/s (C6 models)
Let through voltage:	23V (At 5KV 10/700µs)
Shunt capacitance:	5pF (single port models) 25pF (rack-mount models)
In line resistance:	~0Ω
Standards compliance:	100BaseT 1000BaseT CAT5 CAT5e CAT6
Connector type:	RJ45
Earth connection:	Flying lead (single port models) Earth stud (rack-mount models)
Enclosure material:	Anodized aluminum (single port) Galvanized steel alloy (multi-port)
Operating temperature:	-40 - 85°C
Humidity:	0 - 95%(R. H.)
Altitude:	0 - 3650m
Weight:	LPP - All models 86g LPP8 - All models 1.05kg LPP16 - All models 1.15kg LPP24 - All models 1.26kg

Local Distributor:

