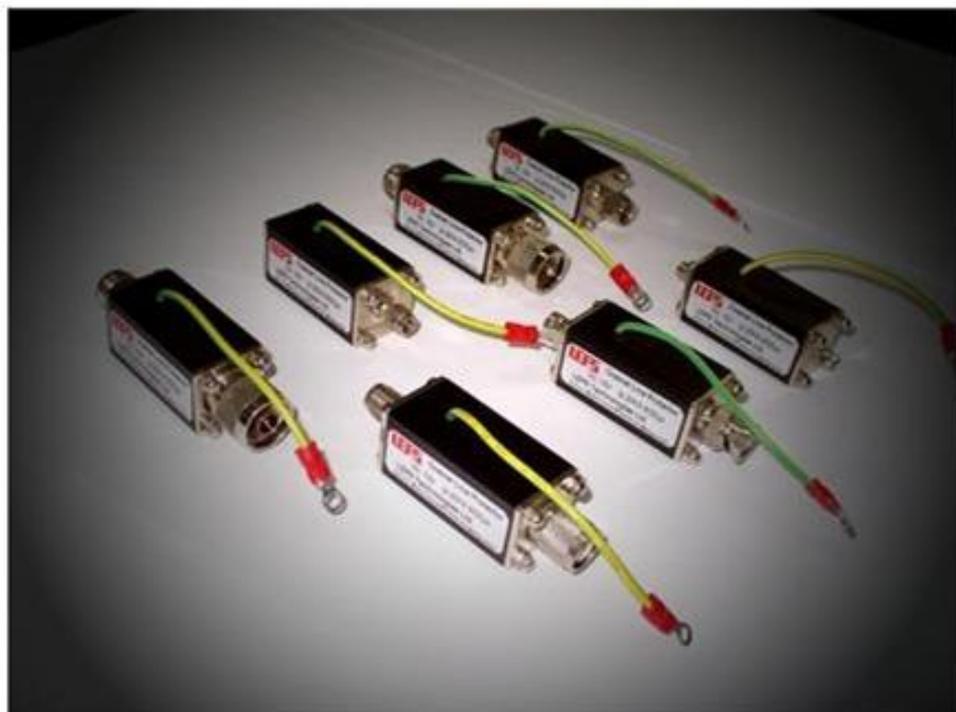




COAXIAL LAN/CCTV PROTECTOR

Protects coaxial LAN, security & traffic cameras, video recorders and broadcast equipment in the field from lightning transients and surges

- ◆ **Multi-stage design for better Protection**
- ◆ **High surge rating and bandwidth**
- ◆ **All mode protection**
- ◆ **Very low let-through voltage**
- ◆ **Safety current fusing design**
- ◆ **Full range of connectors**



Multi-stage design for better protection -CLP series coaxial protectors use multi-stage design by employing a combination of high energy gas discharge tube, ultra fast diodes and SAD which ensures excellent protections without impairing system performance.

High surge rating and bandwidth - With its 20KA surge handling capability and 20MHz high bandwidth, it can provide the safest protection in lightning intense environment and also ensures a smooth signal traffic.

All mode protection - Transients appear between the inner conductor of a coaxial cable and its screen, and also between the cable's screen and the terminal's frame ground can lead to the damage of the semiconductors and integrated circuits of the sensitive equipment. CLP protectors offers both transverse and common mode protection which ensures all the risk are eliminated.

Very low let-through voltage - The semiconductor and ICs inside the

LAN terminals and video equipment are particularly vulnerable to surge and transients overvoltage that introduced by nearby lightning activities and heavy load switching events. With CLP protector, 14V low let-through voltage is achieved which ensures the safety of the equipment whilst maintaining high quality signals.

Safety current fusing design - A safety series current fuse was purposely incorporates to ensure the surge arresting elements can absorb maximum energy while in the event of failures will automatically open to isolate the damaged parts.

Full range of connectors - A wide range of connector types are available including BNC, F, TNC, N-type SMA, SMB and UHF to suit all application requirements.

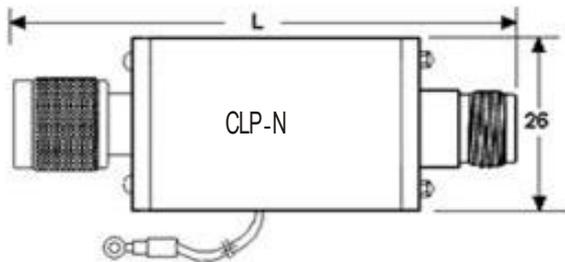


Installation



For detail installation requirements, pls refer to relevant user manual.

Dimensions and Weight



MODEL	L(mm)	WEIGHT(g)
CLP-B	88	86
CLP-B/R	88	85
CLP-N	90	114
CLP-N/R	90	112
CLP-U	89.5	104
CLP-F	83.2	86
CLP-T	86	92
CLP-SMA	76	77
CLP-SMB	72	74
CLP-SMB/R	72	75

Ordering Information

MODEL	DESCRIPTION	CONNECTOR
CLP-B	Coaxial protector	BNC female to male, 50 Ω
CLP-B/R	Coaxial protector	BNC female to male, 75 Ω
CLP-N	Coaxial protector	N female to male, 50 Ω
CLP-N/R	Coaxial protector	N female to male, 75 Ω
CLP-U	Coaxial protector	U female to male, 50 Ω
CLP-F	Coaxial protector	F female to male, 75 Ω
CLP-T	Coaxial protector	TNC female to male, 50 Ω
CLP-SMA	Coaxial protector	SMA female to male, 50 Ω
CLP-SMB	Coaxial protector	SMB female to male, 50 Ω
CLP-SMB/R	Coaxial protector	SMB female to male, 75 Ω

Notes:

- (1) If male/male(M/M) or female /female(F/F) connector type is required, add "M" or "F" respectively at the end of the model number before ordering
- (2) Multi-port(19"rack-mount)models are available on requested ,e.g CLP-N/8 is a 8 port rack-mount , N male to female , 50 Ω coaxial protector.

LEPS Technologies Ltd.
<http://www.lepstech.com>
 Email: sales@lepstech.com

General Specifications

Max. working voltage:	8V
Max. operating current:	300mA
Max. Surge current:	20KA(8/20μs)
Let through voltage: (At 5KV, 10/700μs)	14V(signal to screen) 320V(signal/screen to earth)
VSWR:	≤1.1:1
Insertion loss(dc):	≤1 dB at 20MHz
Response time:	<5ns
Bandwidth: (-3dB 75Ω system)	≥20MHz
In-line resistance:	3.9Ω
Cable impedance:	Suitable for 50 and 75Ω
Standards compliance:	BS6651-1999 Cat.A.B.C AS1768-2003 Cat.A.B.C IEC 61643-21 ITU(CCITT) 1X K17 CP33-1996 Cat.A.B.C UL497B
EMC compliance:	BS EN 60950: 1992 BS EN 61000-6-2:1999
Earth connection:	Flying ground lead
Mounting:	Via optional bracket or DIN clip Anodized aluminum
Enclosure material:	-40-85°C
Operating temperature:	0-95%(R.H.)
Humidity:	0-3650m
Altitude:	

Local Distributor:

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