

## LPB-101G

### Lightning Protector for Fast/Gigabit Ethernet



1-line Fast/Gigabit Ethernet 10/100/1000Mbps  
Lightning Protector

#### Features

- **Disperse Lightning Flows**  
With LPB-101G securely installed allowing lightning to be conducted into ground.
- **Easy to Install**  
Easy connection for cables terminated with RJ-45, protects equipment from lightning strikes.

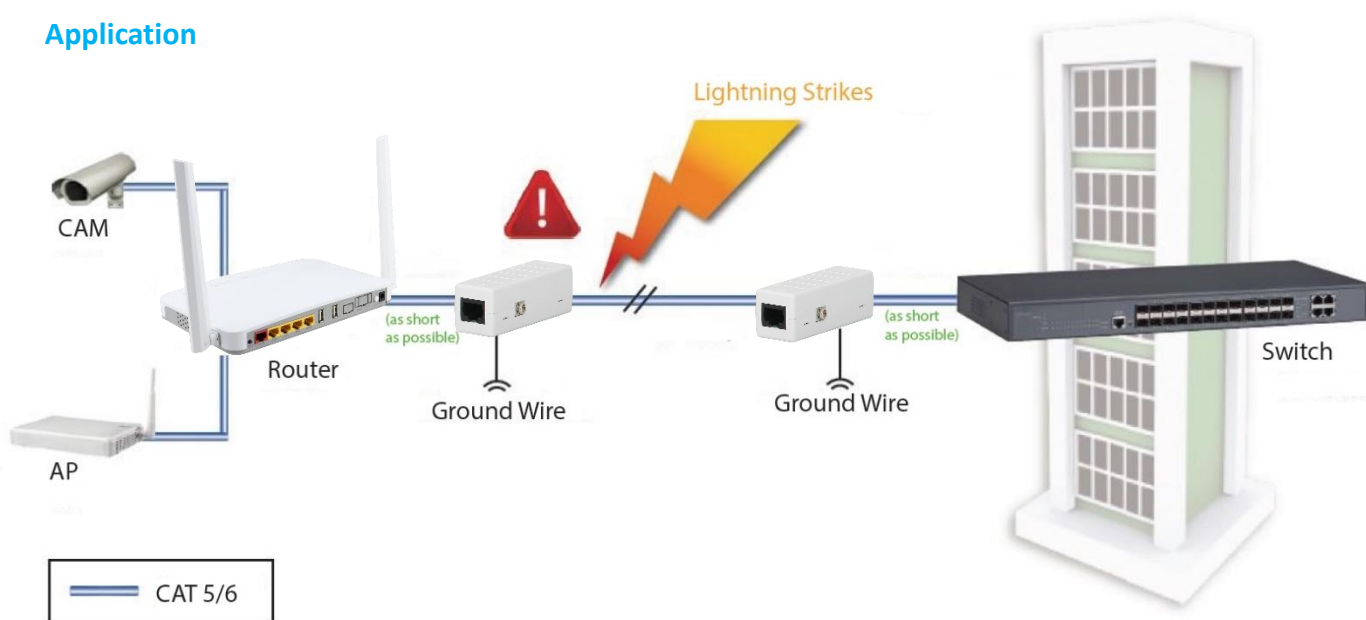
#### Description

Connection Technology System (CTS) LPB-101G is a 1-Line Gigabit Ethernet Lightning Protector.

LPB-101G can be installed for protection from lightning. It can be placed in flat desk or fixed on the wall depending on the plan site.

LPB-101G is able to conduct lightning strikes into the ground through a ground wire, to prevent lightning from hitting unprotected Ethernet devices.

#### Application



Specification

■ Interface

-2 x 10/100/1000Base-T RJ-45

■ H/W Specification

- Comply with 10/700us 6KV common mode lightning surge test (ground wire must be properly installed)
- Provide one-line Ethernet Lightning protection
- Arrest Capacity: 1000A @ 8/20uS
- Ignition Voltage: 400VDC

■ Environmental Condition

Operation: 0°C ~ 50°C  
Storage Temperature: -20°C ~ 60°C  
Humidity: 5% ~ 90%, Non-condensing

■ Dimension & Weight

Size: 70 x 25 x 25 mm (W x D x H)  
Weight: 0.3 Kg

■ EMC/Safety

ITU-T K.21

Order Information

LPB-101G

Model	Copper Port				Operating Temperature
	Speed	Type	Input Port	Output Port	
LPB-101G	10/100/1000Mbps	RJ-45	1	1	0°C ~ 50°C