

## LPB-101 & LPB-101G Lightning Protector



### Features

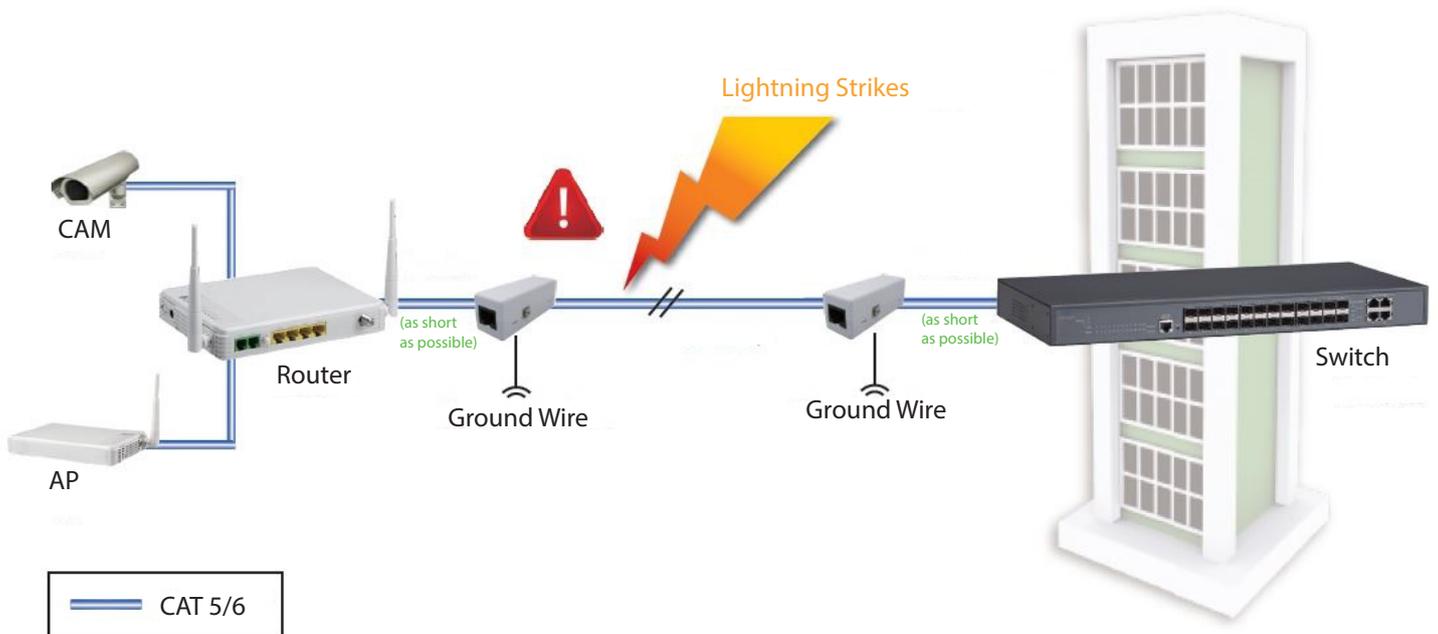
- **Disperse lightning flows**  
With LPB-101 / LPB-101G securely installed allowing lightning to be conducted into ground.
- **Easy to install**  
Easy connection for cables terminated with RJ-45, protects equipment from lightning strikes.

### Description

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

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

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



## Specification

### Interface

LPB-101 : 1-Line 10/100Mbps(RJ-45)  
LPB-101G : 1-Line 10/100/1000Mbps(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
- Support Fast Ethernet connection(LP-B-101)
- Support Gigabit Ethernet connection(LP-B-101G)
- One port RJ-45 for Ethernet signal input
- One port RJ-45 for Ethernet signal output
- Arrest Capacity : 1000A @ 8/20uS
- Ignition Voltage : 400VDC

### Dimension & Weight

Active device :  
-Size : 70 x 25 x 25mm (WxDxH)  
-Weight : 0.03 Kg

### Environmental Condition

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

## Order Information

Lightning Protector Module for Fast Ethernet and Gigabit Ethernet	
LPB-101	1-line Fast Ethernet 10/100Mbps Lightning Protector
LPB-101G	1-line Gigabit Ethernet 10/100/1000Mbps Lightning Protector