

1-port RJ45 10/100/1000Mbps Ethernet
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10KV.MAXIMUM PROTECTION

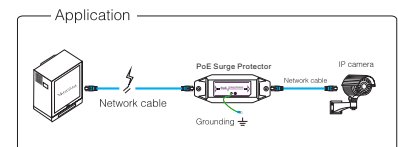
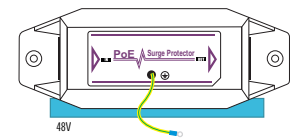
Description

Ethernet and POE connections both restrict cable distances to 100 meters between network ports. To overcome this distance limit, network installers can simply connect an PoE Extender in-line with the Cat-5e or Cat-6 cable.



Features

- ✧ Total Maximum discharge voltage (Vmax) 10kV (1.2/50-8/20, 2Ω)
- ✧ Compatible with IEEE802.3af
- ✧ RJ45 Jack to RJ45 Jack
- ✧ Power and signal line protection
- ✧ 10/100/1000Base-Tx Cat-5e / Cat-6 compatible
- ✧ Application for PoE (Power over Ethernet) protection
- ✧ EMI standards complies with FCC, CE class B



Specifications

Item	Description
Norminal voltage	48V
Rated voltage (max. continuous voltage)	57V
Max. continuous voltage (PoE)	57V
Norminal current	0.8A
Norminal descharge voltage (1.2/50-8/20, 12Ω)	1.5kV(line-line) 6kV(line-PG)
Total Norminal discharge voltage (1.2/50-8/20, 2Ω)	10kV-5kA
Voltage protection level at I _n	< 40V(line-line) < 90V(line-PG)
Voltage protection level at I _n (PoE)	< 90V(line-line)
Transmission frequency	250MHz
Insertion loss at 250MHz	< 2dB
Capactance	< 3pF(line-line) <12pF(line-PG)
Operting temperature range	-40°C ~ +80°C
Connection	RJ45 shield (input/output)
Response time	< 1μs
Mountion on	Wall mounting
Enclosure material	Plastic
Certification	FCC, CE class B, RoHS IEC 61000-4-5



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