

# EZ-SPPOEG Ethernet Surge Protector

## EZ-SPPOEG

The **EZ-SPPOEG** is a low cost 100/1000Mbps Network POE Lightning/Surge 10KA protector to help protect equipment from surges due to lightning and grid power fluctuations.

It protects all 8 CAT5 pins with 7.5V clamp voltage on the data wires and 70V clamp voltage on the POE power wires.

It has an all metal case and shielded RJ45 connectors for EMI suppression. There are 2 integral mounting feet and a separate 16AWG ground wire.



### Features:

- \* 100/1000Mbps Data Rate
- \* 7.5V Data / 70V POE Clamping Voltage
- \* CAT5 and CAT5e Compatible. All 8 pins protected.
- \* Shielded jacks and full metal housing
- \* Complies with IEC 61643-21 Standard

Specifications :	
Operating Voltage	Data 5V ; POE 48V
Clamping Voltage	7.5V Data (Pins 1,2,3,6) - 70V POE (Pins 4,5,7,8)
Max Surge Discharge Current	10KA (8/20us)
Peak Pulse Current	100A (10/1000us)
Protection Mode	Differential & Common Mode L-L, L-G
Insulation Resistance	>1000 MOhm
Shunt Capacitance	< 25 pF
Data Rate	100/1000 Mbps
Response Time	<5 ns
Operating Temperature	-20 to +80°C
Operating Humidity	0% to 95% non condensing
Size (L x W x H)	3.2 x 1 x 1" (82 x 25 x 25mm)
Weight	2.4oz (68g)
Ground Wire	16 AWG, 10" (26cm) long
Connectors	RJ45 Shielded Jacks
IEC Standard	61000-4-5, 61643-21
IEEE/ ANSI Standard	C62.45
Package Contents	1 x EZ-SPPOEG in brown carton