

## UT-8006

PoE Surge Protector , 10/100/1000 Mbps, RJ 45, 6KV



### Description

PoE Surge Protector is used for protection of the interface circuit of high speed Ethernet. It is connected in the input end of protected equipment. When the transmission line is struck by lightning, the lightning current is discharged to the earth through the lightning branches, and the lightning overvoltage is clamped within a proper range, thus the security of equipment being ensured.

### Features

- Total Maximum discharge voltage ( $V_{max}$ ) 6kV (10/700us, 40 $\Omega$ )
- PoE power supply part with thermal protection
- Low limit voltage
- Low insertion loss
- Data transmission rate up to 1000Mbps
- Small volume, easy installation

### Specifications

Item	Description
Norminal voltage	48V
Rated voltage (max. continuous voltage)	57V
Max. continuous voltage (PoE)	57V
Norminal current	0.8A
Norminal discharge voltage (10/700, 40 $\Omega$ )	2kV (line-line) 6kV (line-PG)
Total Norminal discharge voltage (10/700, 40 $\Omega$ )	6kV-150A
Voltage protection level at $I_n$	$\leq 70V$ (line-line) $\leq 70V$ (line-PG)
Voltage protection level at $I_n$ (PoE)	$\leq 70V$ (line-line)
Transmission frequency	250MHz
Insertion loss at 250MHz	$\leq 2dB$
Capactance	$\leq 5000pF$ (line-line) $\leq 2500pF$ (line-PG)
Operting temperature range	-40 $^{\circ}C$ ~ +80 $^{\circ}C$
Connection	RJ45 Waterproof (input/output)
Shield earthing	Screw terminal
Mountion on	Wall mounting
Enclosure material	Plastic
Certification	IEC 61000-4-5