

Outdoor Power over Ethernet surge protection

This PoE injector surge protection is designed to protect indoor Ethernet networks from lightning that may come from outdoor environment through the Ethernet cable. This product is enclosed in a metal weatherproof enclosure, meeting IP66.

It can be installed before the cable enters the building to protect indoor network or immediately adjacent to the wall- or pole- mounted base station.

It can support data rates of up to 1Gbps, and protects up to 10kV surge.

All its eight lines are protected including PoE injector.



Specifications

Network	POE and Gigabit Ethernet, High POE (95W)
Technology	Clamping diode
SPD configuration	4 pairs + shielded
Connection to Network	RJ45 shielded connectors female input/output
Format	Metallic box with connectors input/output
Mounting	Wall or pole mount
Operating temperature	-40°C to +85°C
Dimensions	30 x 30 x 190 mm
Weight	270g
Protection rating	IP66
Outdoor application	Yes
Failsafe behavior	Short-circuit
Disconnection indicator	Transmission interrupt
Remote signaling of disconnection	None
Nominal line voltage (Un)	48 Vdc
Max. DC operating voltage (Uc)	60 Vdc
Max. line current (IL)	2A
Protection level (Up)	500V
Nominal discharge voltage 8/20µs	10 kV
Impulse current	100 A
2 x 10/350µs Test - D1 Category (Iimp)	
Nominal discharge current	5 kA
8/20µs Test x 10 - C2 Category (In)	
Max data rate	1000 Mbps
Certifications	IEC 61643-21 / EN 61643-21 GR1089 ITU-T K.45 UL497B IEEE 802-3ab/3at

Manufacturer name: Microsemi
 Manufacturer reference: PD-OUT/SP11
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- Accessories are not covered by the maintenance nor warranty extension offers.
- The standard, legal manufacturer's warranty is 1 year.