

# RBGESP

RBGESP is Gigabit Ethernet Surge Protector that can be used to protect the network from lightning or surge damages. Comes with the outdoor case and special grounding cable.



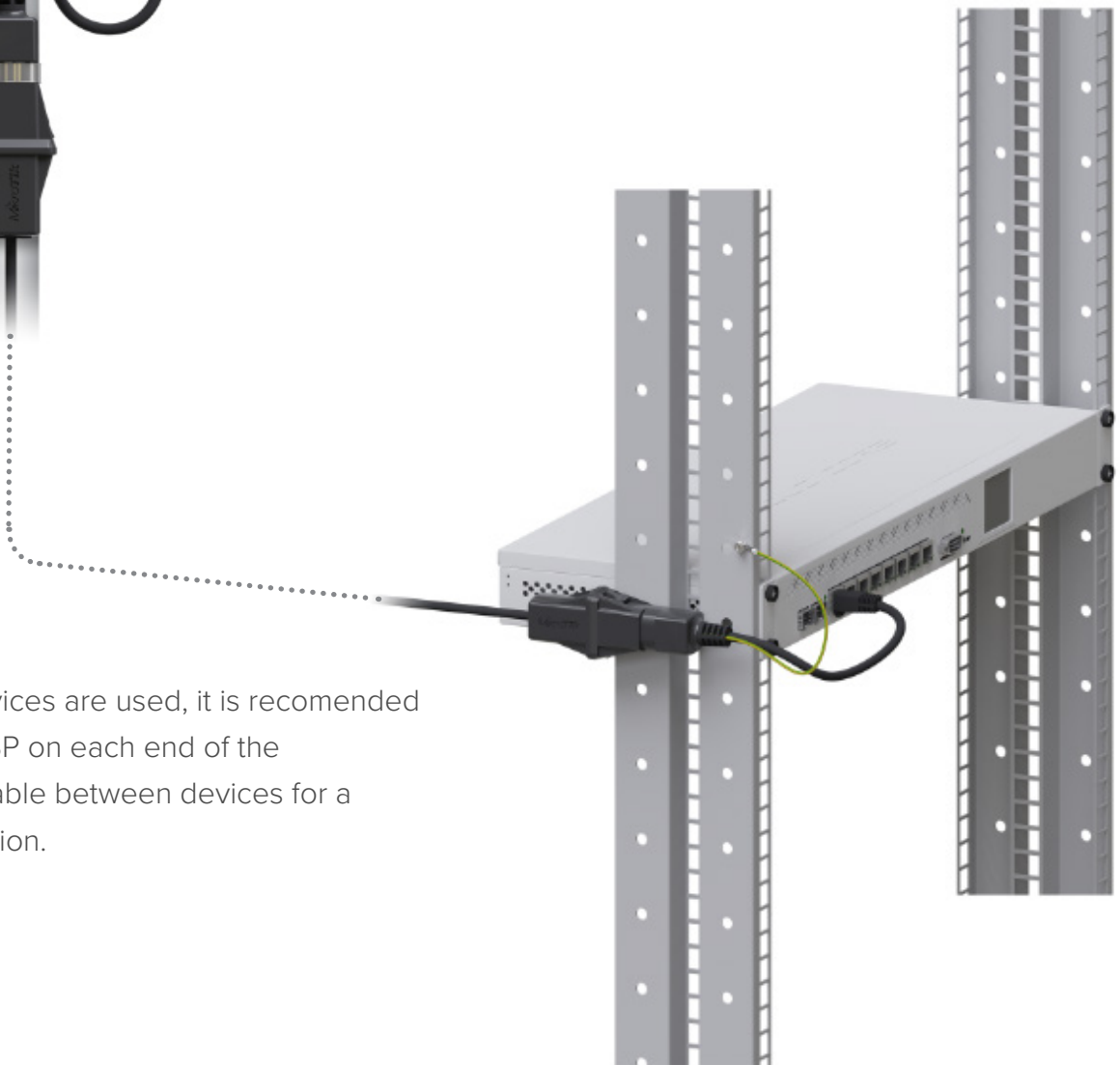
## Specifications

Product code	RBGESP
Interface connections	RJ45 Male/Female Conector
ESD/EMP protection	Absorbing transient current with response to surge voltage of 100 V/s 1 kV/μs ESD, IEC 61000-4-2, ±30 kV contact, ±30 kV air
DC spark-over voltage	90 V @ 100 V/s
Maximum impulse spark-over voltage	700 V @ 1 kV/μs
Discgarge current	5 kA (8/20μs)
Minimum insulation resistance	1 G ohm @ 50V
Maximum capacitance	4 pF @ 1 MHz
Data line protecion	RJ45 10/100/1000 Ethernet
PoE support	Yes, IEEE 802af/at
Operating temperature	-40 to 70°C

## Example of use



To protect your device from power surges, attach RBGESP to desired connection cable and device. Attach grounding wire to appropriate location.



If multiple devices are used, it is recommended to use RBGESP on each end of the connection cable between devices for a better protection.