

Description

Outdoor mount GigE surge suppressor. The circuit is similar to proven and popular 444SS suppression circuit. This device is designed to protect GigE over copper equipment in an outdoor environment. The HV version supports 802.3af modes A and B. Shielded RJ45 jacks provide grounds to shielded plugs.

Applications

- Backhaul radios
- Installed at outdoor tower colocation sites
- Use the HV version for sites with high power (100 watts and over) RF exposure to the CAT5 and for 802.3af circuits.

Features

- GigE Ethernet surge suppression design with low clamp voltages
- Shielded RJ45 connectors provide a ground to shielded plugs
- Ultra fast suppression - typically less than 1.0ps from 0 Volts to BV min
- Faster acting than Thyristor designs
- Lower loss and crosstalk than Thyristor based designs
- Ethernet CRC error correction circuit
- Tool-less entry
- Cover is hinged
- Dust tight
- Back knockout feature for concealing wires
- Ultra fast suppression - typically less than 1.0ps from 0 Volts to BV min

Specifications

Electrical Specifications

Attenuation	3dB @ 1000Mhz
NEXT Increase	0.2dB
Return Loss Decrease	0.3dB
Clamping Voltage	4 Volts (HV Version 69 Volts)

Mechanical Specifications

Height	5.5 inches
Width	4.4 inches
Net Weight	.35 lbs (.15kg)