

## Description

GigE surge suppressor with midspan POE insert/extract. Configuration via jumper plugs allow any combination of polarity and pair use with up to 1.25 amps per pair. If all 8 wires are configured as the same polarity, 5 amps can be conveyed. This device will power 802.3af/at devices or extract power from a POE powered circuit. Shielded RJ45 jacks provide grounds to shielded plugs.

## Applications

- Backhaul radios
- Point to point microwave radio powering
- Installed at outdoor tower colocation sites
- Conveying power over unused Cat5/6 cables
- Emergency spare POE
- Pulling power from POE circuits
- Powering Cameras
- Up to 68 volts AC or DC
- Note: Does not allow "split pair" powering for devices like Canopy PMP430.

## Features

- GigE Ethernet surge suppression
- 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 and Gas Tube only designs
- Lower loss and crosstalk than Thyristor based designs
- Ethernet CRC error correction circuit
- Ultra fast suppression - typically less than 1.0ps from 0 Volts to BV min
- Up to 1.25 amp per pair POE capability
- Any polarity on any pair - total flexibility

## Specifications

### Electrical Specifications

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

### Mechanical Specifications

Height	1.655 inches
Width	3.170 inches
Net Weight	.35 lbs (.15kg)