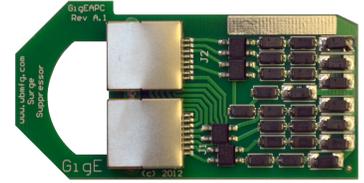


Description

This WBM Surge Suppressor is designed to be used with the popular APC surge suppressor 1RU chassis. The circuit is similar to proven and popular 444SS suppression circuit. This device is designed to protect GigE over copper equipment where a number of devices are colocated. The HV version supports 802.3af modes A and B. Shielded RJ45 jacks provide grounds to shielded plugs.



Applications

- Installed at large colocation sites such as a NOC
- 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
- Fits the APC PRM24 and PRM4 line of chassis for replaceable data line surge protection
- 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

Specifications

Electrical Specifications

Attenuation	2dB @ 1000Mhz
NEXT Increase	0.3dB
Return Loss Decrease	0.5dB
Clamping Voltage	Data Circuits - 8 Volts (68 volts HV Version)

Mechanical Specifications

Height	1.76 inches
Width	3.2 inches