

Description

This WBM Surge Suppressor is designed for outdoor tower or wall mounting. This device is designed to protect equipment such as APs and SMs installed at NOCs or tower sites where a number of devices are colocated. The HV version of this device has a higher ethernet breakdown voltage for high RF exposure situations. The HV is required for POE powered devices. Grounded shielded RJ45 jacks provide grounds to shielded plugs on the J version. The P version has 110 style punch down connections.

Applications

- Installed at large colocation sites such as a NOC
- Prevent damage to the AP and the other NOC equipment
- HV Version Suitable for sites with high power (100 watts and over) RF exposure to the CAT5.
- GigE-TWR-J = Low Voltage Shielded RJ45 Jacks
- GigE-TWR-J-HV = High Voltage Shielded RJ45 Jacks
- GigE-TWR-P = Low Voltage 110 Punch Downs
- GigE-TWR-P-HV = High Voltage 110 Punch Downs

Features

- Compatible with all types of POE (HV Version)
- Individual Field Replacable Modules
- 110 Punch Downs or Shielded RJ45 Jacks
- Gas Discharge Tube Protection
- Silicon Avalanche Diode Protection
- No air Back-Up-Gap (BUG) means extra long life and resistance to insect contamination
- Ultra Low Capacitance Design - Zero Bandwidth Reduction Internal or External Ground Connection
- NEMA 4 Enclosure
- Mounts to Wall or Tower
- High-Speed Ethernet Surge Suppression Design
- HV version with higher clamp voltages for strong RF immunity
- Ultra fast suppression - typically less than 1.0ps from 0 Volts to BV min

Specifications

Electrical Specifications

Attenuation	1.8dB @ 1000Mhz
NEXT Increase	0.3dB
Return Loss Decrease	0.3dB
Clamping Voltage	Standard Model - 3.8V Long 3.0 V Transverse
Clamping Voltage	HV Model - 69 Volts

Mechanical Specifications

Height	12 Inches
Width	9 Inches
Depth	4 Inches