

AV000005

Integrated Public Safety DAS RF Surge Protector



High-capacity surge protection for critical RF equipment.

- Protects RF equipment from lightning-induced surges and electrical transients.
- Wideband operation supports frequencies from 125–1000 MHz.
- 50 kA surge capacity provides robust protection for connected equipment.
- Low 0.1 dB insertion loss helps maintain RF signal strength.
- Low let-through energy helps protect sensitive downstream electronics.
- N-Female connections simplify integration with RF infrastructure.



Specifications

Surge Protector Type	Blocking Capacitor and Gas Tube
DC Handling	DC Block
Frequency Range	125–1000 MHz
Impedance	50 Ω
VSWR	1.1:1
Insertion Loss	0.1 dB
Surge Current	50 kA
Surge Current Waveform	IEC 61000-4-5, 8/20 μ s
Turn-On Voltage	600 V $\pm$ 20%
Throughput Energy	220 μ J @ 3 kA, 8/20 μ s
Input Connector	N-Female
Output Connector	N-Female
Dimensions	2.45" L $\times$ 1.75" W $\times$ 1.50" H
Weight	0.30 lbs (136.08 g)
Operating Temperature	-58°F to 122°F (-50°C to 50°C)
Storage Temperature	-67°F to 185°F (-55°C to 85°C)

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Typical Performance Data

