
DC BLOCKED, FILTER 2GHz - 3.0GHz SURGE (LIGHTNING) ARRESTOR

General Description: 50 ohm DC Blocked multi strike filter. It is designed to operate in the 2.0 - 3.0 GHz spectrum. This unit is engineered to protect expensive transmitters and receivers with a minimum of intermodulation noise.

Weatherproof: Sealed case; with connector sealant included for excellent outdoor protection.

Configuration: N Female to N Female type connector supplied as a 300watt unit from 2.0 GHz - 3.5 GHz.

Higher power and higher frequency units available upon request.

Other connector options available as special order.


SPECIFICATIONS:

TYPE:	DC Blocked Filter
CONNECTOR TYPE:	Type N Female
FREQUENCY RANGE:	2.0 to 3.0 GHz
VSWR:	$\leq 1.2:1$
INSERTION LOSS:	$< 0.3\text{dB}$
THRU-PUT:	$\leq 5 \mu\text{j}$ @ 3kA 8/20 μj waveform
SURGE:	20kA (8/20 μs), min 5 surges
TURN ON :	350 Vdc +/- 15%.
TURN ON TIME:	2.5 μs for 2kV/ns
TEMP RANGE:	-40° C to +85° C
REL. HUMIDITY:	up to 95%
VIBRATION:	1G @ 5Hz to 100Hz
WEATHERPROOFING:	Sealed stainless steel case; connector sealant included