
DC BLOCKED, GAS TUBE 50-700MHZ SURGE (LIGHTNING) ARRESTOR

General Description: 50 ohm DC Blocked surge arrestor with a replaceable gas tube for single channel radios. It is designed to operate in the VHF and UHF spectrum. This unit is not recommended for use with combiners. Higher power arrestors designed for use with combiners are available as special order.

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

Configuration: N Female to N Female type connector supplied as 500 watt unit @ 50-220 MHz and 300watt @ 220-700 MHz.

Higher power and higher frequency units available upon request.


SPECIFICATIONS:

TYPE:	DC Blocked, Gas Tube
CONNECTOR TYPE:	Type N Female
FREQUENCY RANGE:	50 to 700MHz
VSWR:	$\leq 1.2:1$
INSERTION LOSS:	$< 0.10\text{dB}$
THRU-PUT:	$\leq 600 \mu\text{ j}$
SURGE:	20kA (8/20 $\mu\text{ s}$), min 5 surges
TURN ON :	350 Vdc +/- 15%.
TURN ON TIME:	2.5 $\mu\text{ s}$ 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