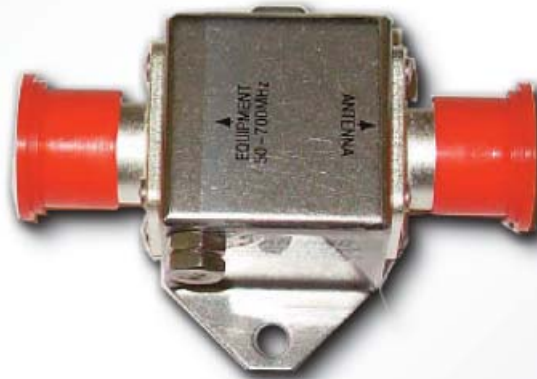




## ALPHA WAVE NARROWBAND RADIO MODEMS WIRELESS SOLUTIONS

# Surge (Lightning) Arrestor

DC blocked gas tube 50-700MHz  
[PT-10018]



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.

Weatherproof sealed case; with connector sealant included for excellent outdoor protection. N Female to N Female type connector supplied as 500 watt unit @ 50-220 MHz and 300 watt @ 220-700 MHz.

# Surge (Lightning) Arrestor

DC blocked gas tube 50-700MHz

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
Temperature Range	-40° C to +85° C
Relative Humidity	up to 95%
Vibration	1G @ 5Hz to 100Hz
Weatherproofing	Sealed stainless steel case; connector sealant included