



## SAS-5006

The **SAS-5006** antenna has a broadband monopole designed to operate from 20 MHz to 800 MHz and a dipole array to operate from 2.5 GHz to 6 GHz. The antenna exhibits exceptional gain in an omni-directional pattern. It is designed with compliance to the strictest military specifications. The antenna is mounted in a sealed dielectric radome to offer mechanical stability and isolation from environmental hazards. The SAS-5006 will handle up to 100W CW power. This antenna also offers low VSWR. The SAS-5006 comes with ARA's patented Dual Spring Mount with the NATO bolt pattern. This unique mount reduces the lateral motion of the antenna that is unrestricted by standard spring mounts.

### SPECIFICATIONS:

<b>Frequency</b>	Port 1: 20to 800 MHz Port 2: 2.5 to 6 GHz
<b>Polarization</b>	Linear Vertical
<b>Gain</b>	50 to 500 MHz: -2 dBi nominal 2.5 to 6 GHz: 1 dBi nominal
<b>Impedance</b>	50 Ohms nominal
<b>VSWR</b>	50 to 500 MHz: 3.0:1 nominal 2.5 to 6 GHz: 2.0:1 nominal
<b>Pattern</b>	Omni in Azimuth
<b>Operating Temperature</b>	-20° to +70°C
<b>Storage Temperature</b>	-30° to +85°C
<b>Power Handling</b>	20 to 800MHz: 100 W CW; 2.5 to 6 GHz: 50 W CW
<b>Antenna Connectors</b>	N Female (2)
<b>Dimensions</b>	4" diameter x 58" height
<b>Weight</b>	16 lbs with Dual Spring Mount
<b>Mounting</b>	ARA Dual Spring Base with NATO bolt pattern



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### Antenna Research