

Jamming Antenna

The SAS-500 series features broadband monopole antennas designed for jamming. These antennas exhibit exceptional gain in an omni-directional pattern. They are designed with compliance to the strictest military specifications. They are mounted in a sealed dielectric radome to offer mechanical stability and isolation from environmental hazards. This antenna also offers low VSWR. The SAS-500 comes with magnetic mount for rapid installation on a variety of vehicles. The antenna is also available with a spring base with the NATO bolt pattern.

- **Lightweight**
- **Broadband**
- **Available in Desert Tan, OD Green, and White**
- **Made in the USA**



Specifications	
Polarization	Linear Vertical
Impedance	50 Ω
Pattern	Omni-Directional in Azimuth
Operating Temperature	-20° to 70° C
Storage Temperature	-30° to 85° C
Shock Handling	20 G

The data described herein is subject to licensing under the International Traffic Arms Regulations (ITAR) 22 CFR Parts 120-130. This data sheet has been released into the public domain in accordance with these regulations.

Configurations

(Gain and VSWR are listed as typical)

	SAS-500	SAS-5006	SAS-524
Antenna Gain	20 to 80 MHz: -12 dBi 80 to 600 MHz: -2 dBi 600 to 800 MHz: -12 dBi	20 to 50 MHz: -12 dBi 50 to 600 MHz: -4 dBi 600 to 800 MHz: -8 dBi 2.5 to 6 GHz: 1 dBi	20 to 50 MHz: -12 dBi 50 to 600 MHz: -4 dBi 600 to 800 MHz: -10 dBi 800 to 2500 MHz: 2 dBi
Frequency	20 to 800 MHz	20 to 800 MHz 2.5 to 6 GHz	20 to 800 MHz 800 to 2500 MHz
VSWR	20 to 80 MHz: 5:1 80 to 600 MHz: 2.5:1 600 to 800 MHz: 4:1	20 to 50 MHz: 4:1 50 to 600 MHz: 3:1 600 to 800 MHz: 4:1	20 to 50 MHz: 4:1 50 to 600 MHz: 3:1 600 to 800 MHz: 4:1
Power Handling	100 W CW; 250 W Peak	20 to 800 MHz: 100 W CW 2.5 to 6 GHz: 50 W CW	20 to 800 MHz: 100 W CW 800 to 2500 MHz: 50 W CW
Antenna Connectors	N Female	Two N-Type Female	Two N-Type Female
Extended Dimensions	4" Diameter x 39" Tall	4" Diameter x 58" Height	4" Diameter x 62" Height
Weight	16 lbs with Magnetic Mount	16 lbs with Dual Spring Mount	18 lbs with Dual Spring Mount
Mounting	Magnetic mount standard spring; Spring base/NATO mount optional	ARA Dual Spring base with NATO bolt pattern	ARA Dual Spring base with NATO bolt pattern

The data described herein is subject to licensing under the International Traffic Arms Regulations (ITAR) 22 CFR Parts 120-130. This data sheet has been released into the public domain in accordance with these regulations.