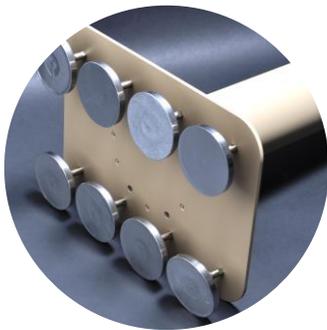




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SAS-500 SERIES JAMMING ANTENNA



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.

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FEATURES

- 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

Configurations

	SAS-500	SAS-5006	SAS-524
Antenna Gain	50 to 500 MHz: -2 dBi Nominal	50 to 500 MHz: -2 dBi Nominal 2.5 to 6 GHz: 1 dBi Nominal	50 to 500 MHz: -2 dBi Nominal 800 to 2500 MHz: 2 dBi Nominal
Frequency	20 to 800 MHz	20 to 800 MHz 2.5 to 6 GHz	20 to 800 MHz 800 to 2500 MHz
VSWR	3:1 Nominal	20 to 500 MHz: 3.0:1 Nominal 2.5 to 6 GHz: 2.0:1 Nominal	50 to 500 MHz: 3.0:1 Nominal 800 to 2500 MHz: 2.0:1 Nominal
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 SAS-524H option: 400 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.

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