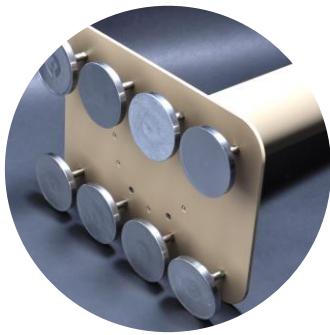




sales@ara-inc.com



## 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.

ARA

8880 Gorman Road, Laurel, MD 20723  
301-937-8888 | [www.ara-inc.com](http://www.ara-inc.com)



sales@ara-inc.com

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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 $\Omega$
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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