

## HMMWV Jamming Set

ARA has designed and manufactured a set of high-gain and high-power jamming antennas, suitable for mounting on an HMMWV or other military vehicle. This set consists of models SAS-524, SAS-5006, and VBC-822-102. All of the antennas have an omnidirectional azimuth pattern, and are designed and tested to comply with MIL-STD-810F specifications. The antennas are mounted in sealed dielectric radomes to offer mechanical stability and protection from environmental hazards. The two SAS antennas have a patented dual-spring base with the NATO bolt pattern. These antennas have passed the Oak Beam test. The auxiliary cellular band antenna has 1/4 - 20 bolt holes for mounting.



### Wideband Products Division Jamming Products

Specifications	
<b>Set Frequency</b>	20 to 6100 MHz
<b>SAS-524</b>	Port 1 20 to 800 MHz
	Port 2 700 to 2600 MHz
<b>Dimensions</b>	4" dia x 62" tall
<b>SAS-5006</b>	Port 1 20 to 800 MHz
	Port 2 2400 to 6100 MHz
<b>Dimensions</b>	4" dia x 58" tall
<b>VBC-822-102</b>	Port 700 to 2500 MHz
	<b>Dimensions</b> 1.75" dia x 17.5" tall
<b>Polarization</b>	Linear vertical
<b>Gain</b>	Contact ARA for details
<b>Impedance</b>	50 $\Omega$ nominal
<b>VSWR</b>	2.5:1 nominal
<b>Pattern</b>	Omni in azimuth
<b>Power Handling</b>	100W CW, 250W peak
<b>Antenna Connectors</b>	Type-N Female (5)
<b>Total Weight</b>	36 lbs
<b>Mounting</b>	Spring base/NATO mount and 1/4-20 bolt