



SAS-500

The **SAS-500** is a broadband monopole designed to operate from 20 MHz to 800 MHz. 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-500 will handle 100 W CW power. 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.

SPECIFICATIONS:

Frequency	20 to 800 MHz
Polarization	Linear Vertical
Gain	50 to 500 MHz: -2 dBi nominal
Impedance	50 Ohms nominal
VSWR	50 to 500 MHz: 3:1 nominal
Pattern	Omni in Azimuth
Operating Temperature	-20° to +70°C
Storage Temperature	-30° to +85°C
Power Handling	100 W CW; 250 W Peak
Antenna Connector	N Female
Dimensions	4" diameter x 39" height
Weight	16 lbs with magnetic mount
Mounting	Magnetic mount standard Spring Base/NATO mount optional



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Antenna Research