**SAS-530**  
_Broadband Dipole Antenna_  
160 MHz – 500 MHz

This Broadband Dipole Antenna is an ideal omni-directional high frequency dipole.

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**Frequency Range:** 160 MHz - 500 MHz  
**Maximum Continuous Power:** 1 Watt  
**Impedance:** 50 Ω  
**Max Radiated Field:** 5 V/m  
**Connector:** N-Type, female  
**Mounting Base:** 1/4 - 20 Thread, female

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**Features**
- Frequency Range of 160 MHz to 500 MHz  
- Omni directional, receive and transmit  
- Individually Calibrated  
- Three year Warranty

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The A.H. Systems' Broadband Dipole Antenna operates efficiently over the frequency range of 160 MHz to 500 MHz. Suitable for FCC, MIL-STD, VDE, TEMPEST, and immunity testing, this antenna will provide reliable, repeatable measurements. Whether testing outdoors, or in a shielded enclosure, the rugged construction of the Broadband Dipole makes it suitable for all conditions.

**Recommended Accessories**
- PAM-0202 (Preamplifier)  
- ATU-510 (Antenna Tripod)  
- AEH-510 (Azimuth and Elevation Head)  
- SAC-213 (3 Meter Cable)
Antenna Factor

Conversion of meter reading to field strength:
\[ \text{dBm}_{\text{in}} = \text{dBm}_{\text{out}} + \text{AF} + \text{cable loss} \]

Antenna Factor (dB)

Frequency (MHz)

Average VSWR

Broadband Dipole
Model SAS-630

VSWR

Frequency (MHz)