



A.H. Systems, Inc.

9710 Cozycroft Ave.
Chatsworth, CA 91311



Tel: (818) 998-0223



sales@AHSystems.com

Fax: (818) 998-6892



www.AHSystems.com

SAS-512-2

Log Periodic Antenna

190 MHz – 2 GHz

Constructed of lightweight aluminum, this Log Periodic Antenna has been manufactured to ensure maximum gain, low VSWR and high power handling capabilities.



Frequency Range: 190 MHz - 2000 MHz

Antenna Factor: 11 to 30 dB/m

Average Gain: 6.7dBi

Maximum Continuous Power: 1000 Watts

Max Radiated Field: 200 V/m

Pattern Type: directional

Impedance: 50 Ω

Connector: N-Type, female

Mounting Base: $\frac{1}{4}$ - 20 Thread, female

Features

- Frequency Range of 190 MHz to 2000 MHz
- Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- Rugged Construction
- Three Year Warranty

The A.H. Systems' SAS-512-2 antenna is lightweight, compact and has been manufactured to ensure maximum gain, low VSWR and high power handling capabilities. Whether testing inside a shielded enclosure or outdoors, this antenna will display efficient performance characteristics through its frequency range.

Recommended Accessories

- ATU-510 (Antenna Tripod, Wooden)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0202 (30 dB Preampifier)

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EMC Antennas and more





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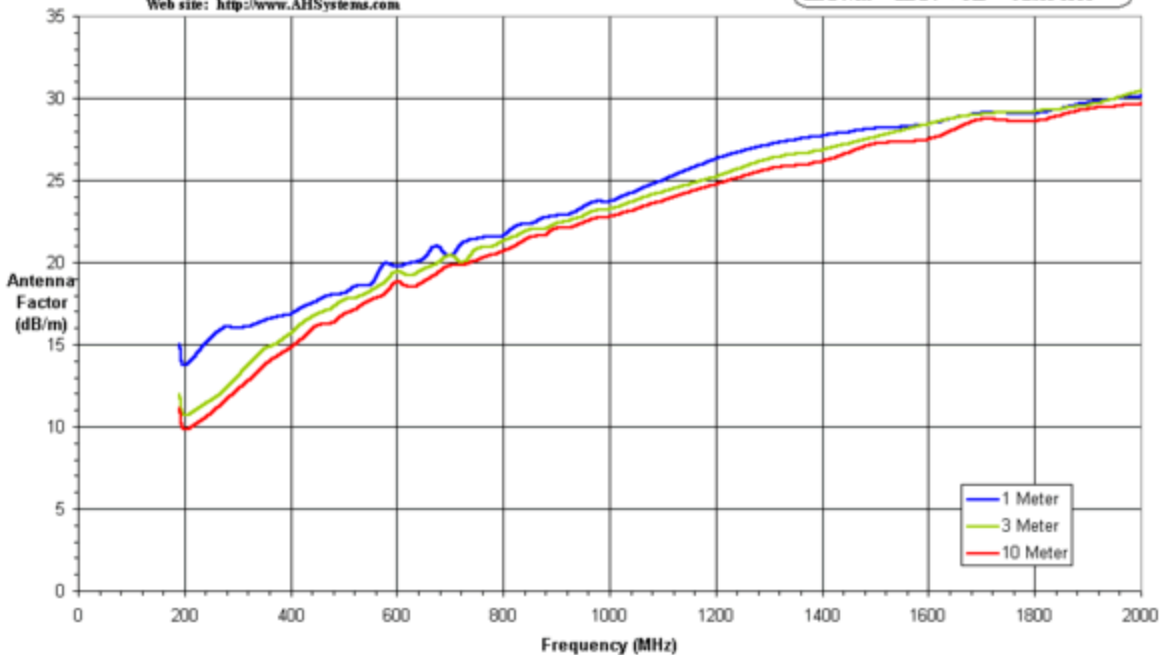
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Antenna Factor Model SAS-512-2

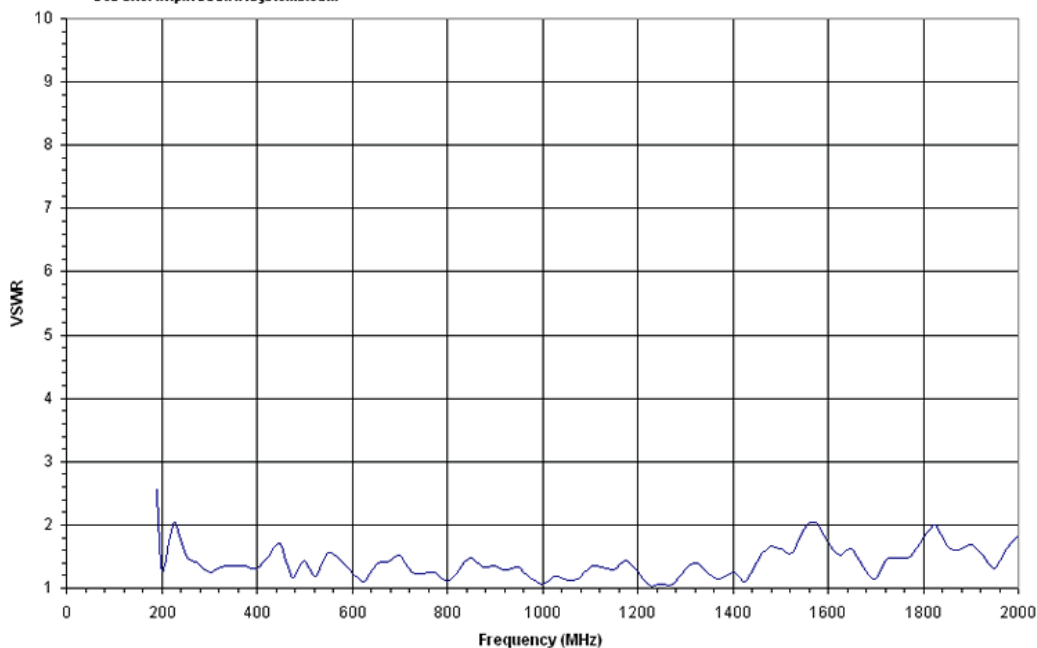
Conversion of meter reading
to field strength:
 $\text{dBuV/m} = \text{dBuV} + \text{AF} + \text{cable loss}$



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VSWR Log Periodic Antenna Model: SAS-512-2



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Physical Dimensions

Length: 33.2 in. (84.4 cm)

Width: 29.5 in. (74.9 cm)

Weight: 2.2 lb.'s (1 kg)

Information presented in this datasheet was current at the time of publication. A.H. Systems continual product improvement makes it necessary to reserve the right to change our electrical and mechanical specifications without notice.

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