



A.H. Systems, Inc.

9710 Cozycroft Ave.
Chatsworth, CA 91311



Tel: (818) 998-0223



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www.AHSystems.com

SAS-512F-7

Folding Log Periodic Antenna

190 MHz – 7 GHz

High frequency folding log periodic antenna for commercial and military testing applications.



Frequency Range: 190 MHz - 7000 MHz

Antenna Factor: 11 to 46 dB/m

Average Gain: 6.7 dBi

Maximum Continuous Power: 400 Watts

Max Radiated Field: 100 V/m

Pattern Type: directional

Impedance: 50 Ω

Connector: N-Type, female

Mounting Base: ¼ - 20 Thread, female

Features

- Frequency Range of 190 MHz to 7 GHz
- Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- Folding design for portable applications
- Three Year Warranty

The SAS-512F-7 log periodic antenna is lightweight, compact and has been manufactured to ensure maximum gain, low VSWR and high power handling capabilities. This antenna also folds in half for ease of storage, an optional transit storage case is ideal for portable applications. This Linear polarized broadband dipole array is well suited for emissions and immunity testing applications.

Recommended Accessories

- ATU-510 (Antenna Tripod, Wooden)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0207A (25 dB Preamplifier)
- LPM-510 (Log Periodic Tripod Mount)

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EMC Antennas and more





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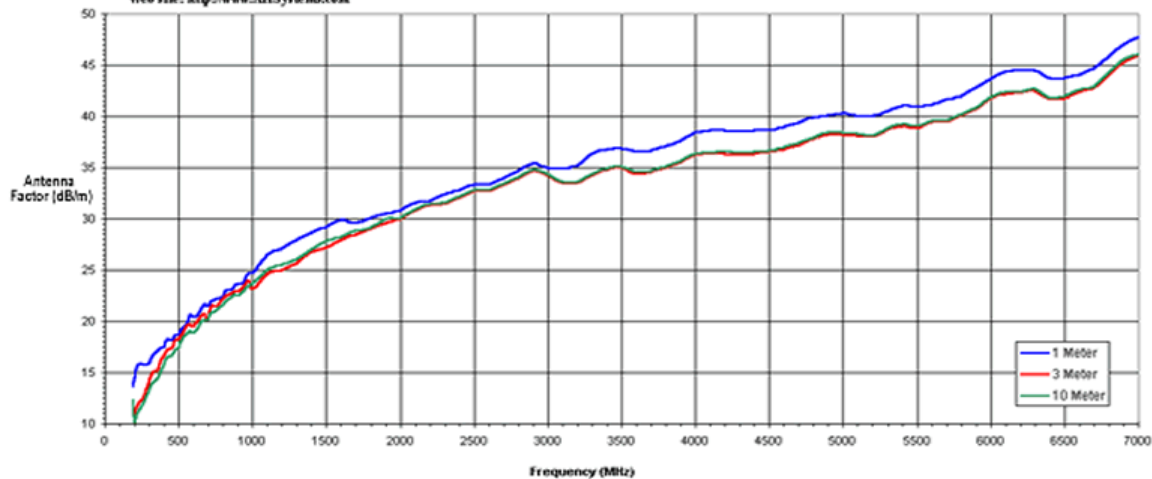
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Web site: <http://www.AHSystems.com>

Antenna Factor
Log Periodic Antenna, folding
Model: SAS-512F-7

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



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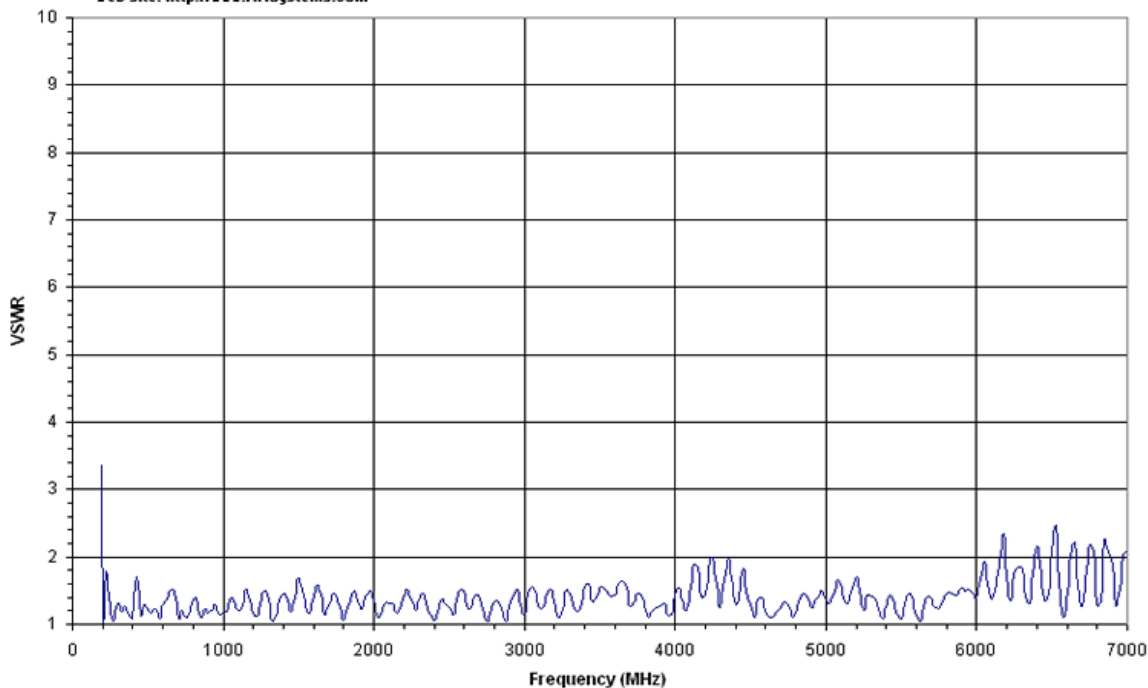
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VSWR
Log Periodic Antenna
Model: SAS-512F-7



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Physical Dimensions

Length:	34.6 in. (88 cm)
Width:	29.5 in. (74.9 cm)
Weight:	2.3 lb.'s (1.04 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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