



A.H. Systems, Inc.

9710 Cozycroft Ave.
Chatsworth, CA 91311



Tel: (818) 998-0223



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www.AHSystems.com

SAS-510-4

Log Periodic Antenna

290 MHz – 4 GHz

This Broadband Log Periodic Antenna is an ideal solution for radiated emissions and normalized site attenuation.



Frequency Range: 290 MHz - 4000 MHz

Antenna Factor: 15 - 37 dB

Gain: 6.2 dBi

Maximum Continuous Power: 1000 Watts

Maximum Radiated Field: 200 V/m

Pattern Type: directional

3dB Beamwidth (E-Field): 41°

3dB Beamwidth (H-Field): 100°

Impedance: 50 Ω

VSWR: 1.65:1 typ. (2.5:1 max)

Connector: N-Type, Female

Mounting Base: ¼ x 20 Thread, Female

Features

- Frequency Range of 290 MHz to 4000 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-510-4 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-514 (Antenna Tripod)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0204 (22 dB Pre-amplifier)

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EMC Antennas and more





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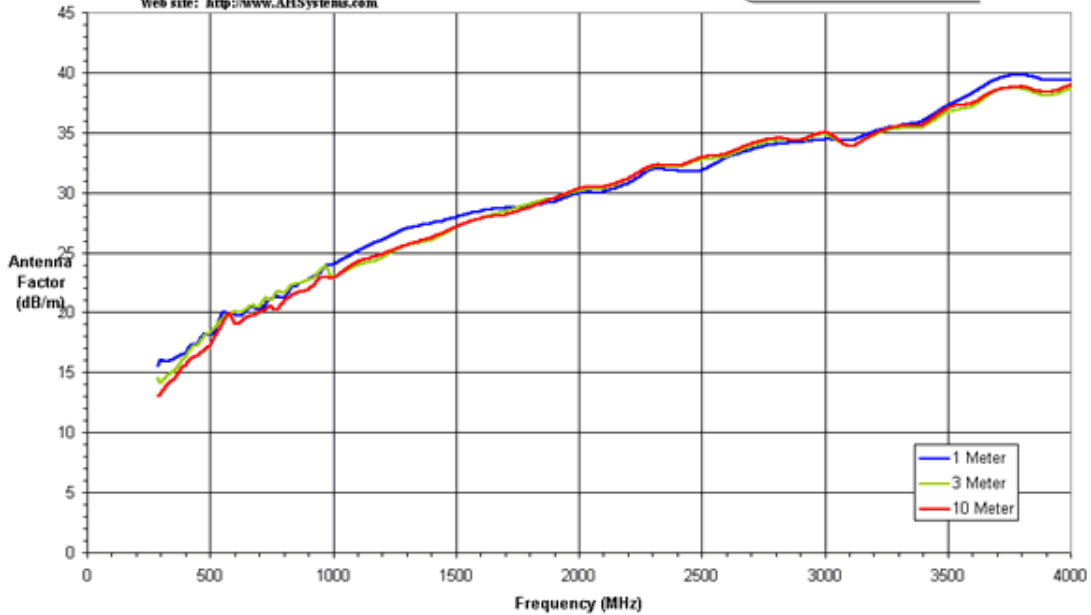


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Antenna Factor
Model: SAS-510-4

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

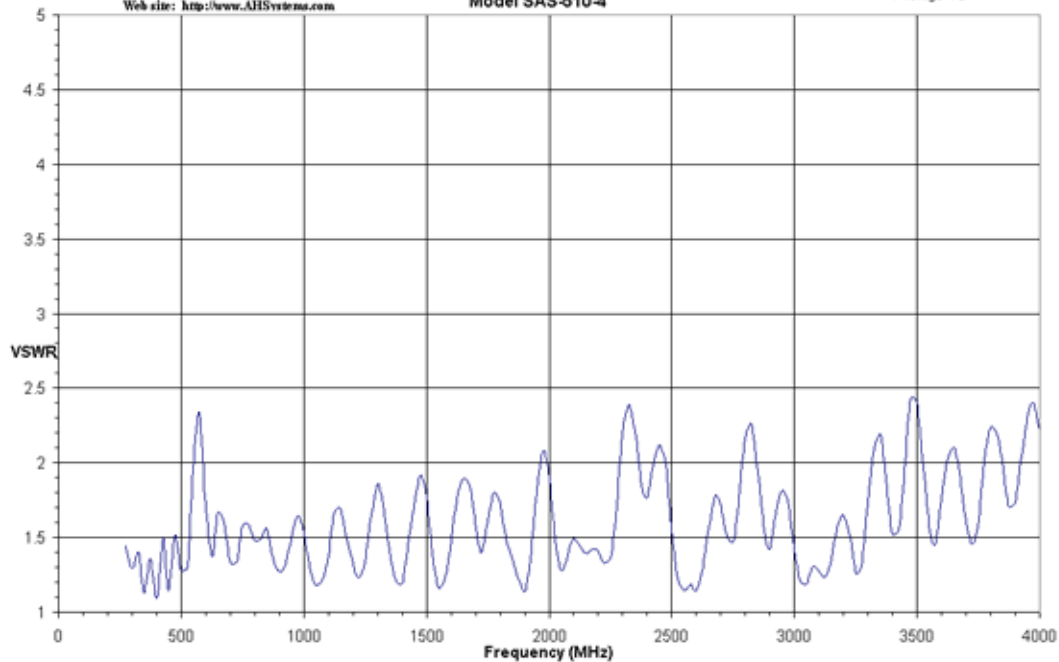


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VSWR
Log Periodic Antenna
Model SAS-510-4

Average VSW



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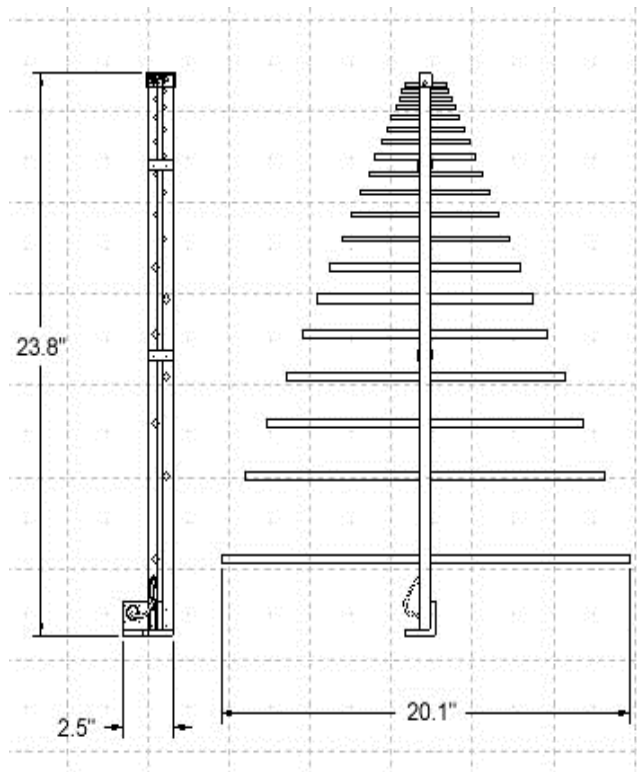
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Physical Dimensions

Length: 23.8 in. (60.4 cm)

Width: 20.1 in. (51.1 cm)

Weight: 1.5 lb.'s (0.68 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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