



A.H. Systems, Inc.

9710 Cozycroft Ave.
Chatsworth, CA 91311



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sales@AHSystems.com

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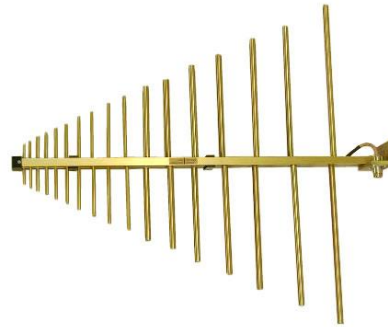
www.AHSystems.com

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-510 (Antenna Tripod, Wooden)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0204 (22 dB Preampifier)



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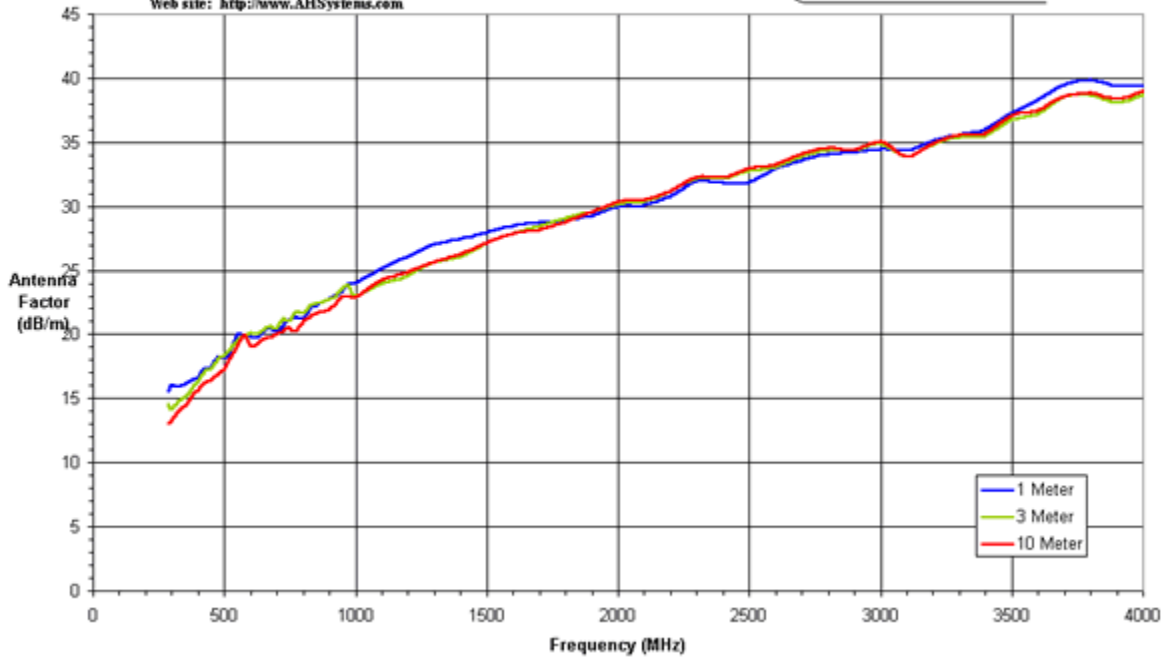


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Antenna Factor
Model: SAS-510-4

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

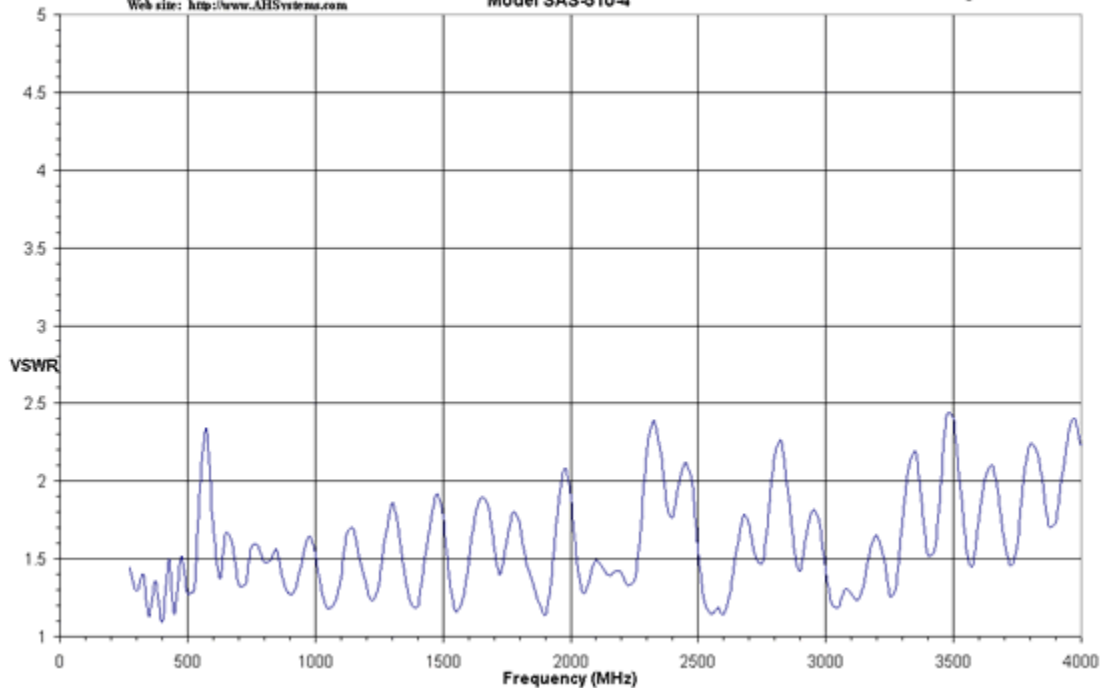


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VSWR
Log Periodic Antenna
Model SAS-510-4

Average VSWR





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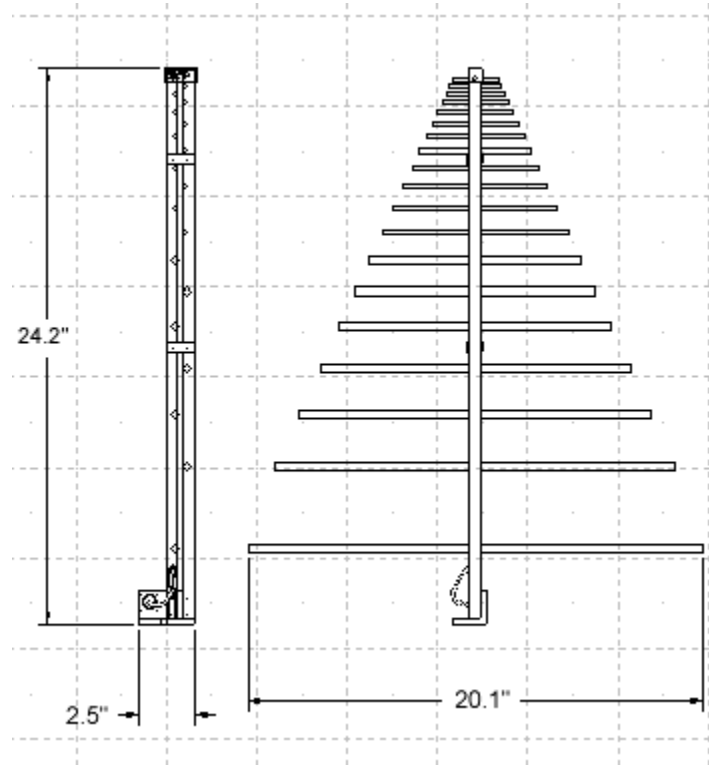


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Physical Dimensions

Length: 24.2 in. (61.5 cm)

Width: 20.1 in. (51.1 cm)

Weight: 1.5 lb.'s (0.68 kg)