



A.H. Systems, Inc.

9710 Cozycroft Ave.
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SAS-519-4

Log Periodic Antenna

650 MHz – 4 GHz

Lightweight broadband Log Periodic Antenna
designed for communication and wireless
testing.



Frequency Range: 650 MHz - 4000 MHz

Antenna Factor: 20 - 38 dB

Gain: 6.7 dBi

Maximum Continuous Power: 700 Watts

Maximum Radiated Field: 200 V/m

Pattern Type: directional

Impedance: 50 Ω

VSWR: 1.41:1 typ.

Connector: N-Type, Female

Mounting Base: 1/4 x 20 Thread, Female

Features

- Frequency Range of 650 MHz to 4000 MHz
- Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- Rugged Construction
- Three Year Warranty

The log periodic antenna is a particularly useful design when modest levels of gain are required, combined with wide-band operation. The SAS-519-4 compact Log Periodic Antenna provides optimal performance covering most cell phone, Wi-Fi, WiMAX and GPS bands. This directional log periodic antenna has a medium gain, low VSWR and one of the smallest available. This linear polarized, directional antenna can be used for a variety of applications.

Recommended Accessories

- ATU-514 (Antenna Tripod)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0204 (25 dB Preamplifier)

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EMC Antennas and more



* Specifications subject to change without notice.



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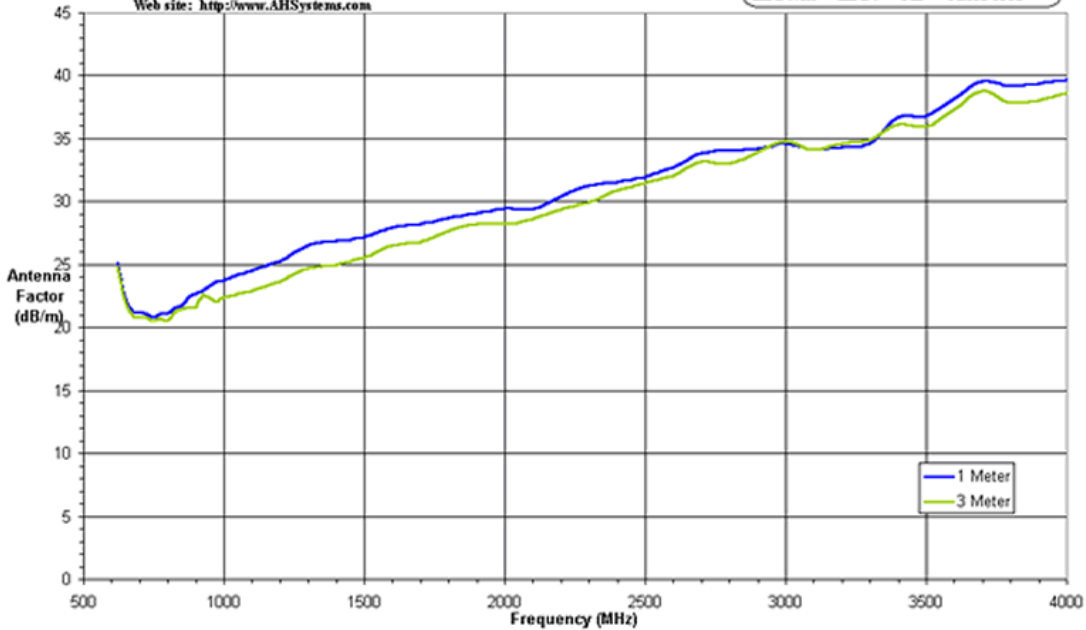


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Antenna Factor Model SAS-519-4

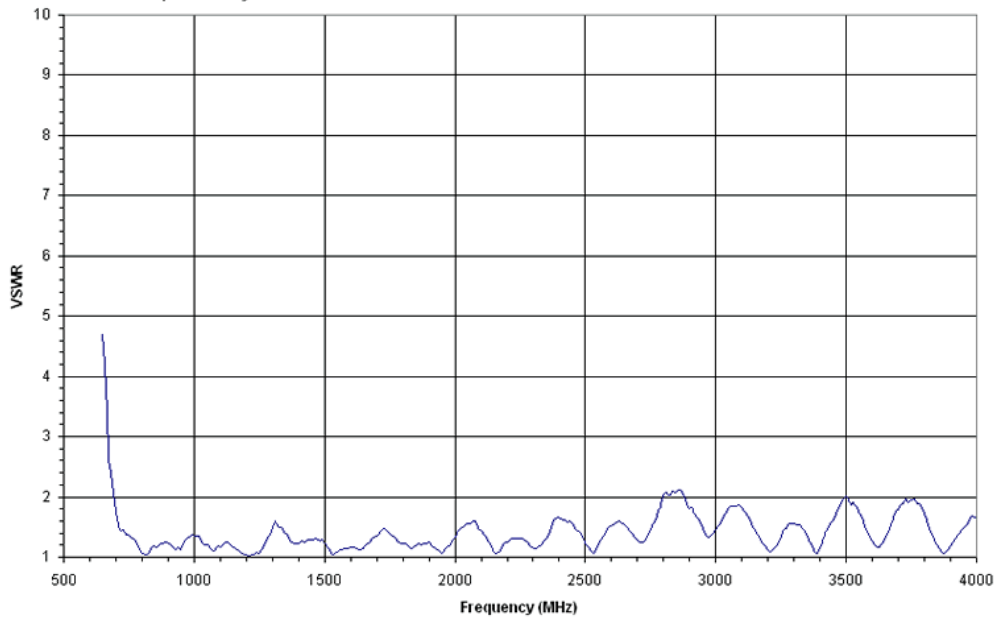
Conversion of meter reading
to field strength:
 $dBuV/m = dBuV + AF + \text{cable loss}$



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VSWR Log Periodic Antenna Model: SAS-519-4



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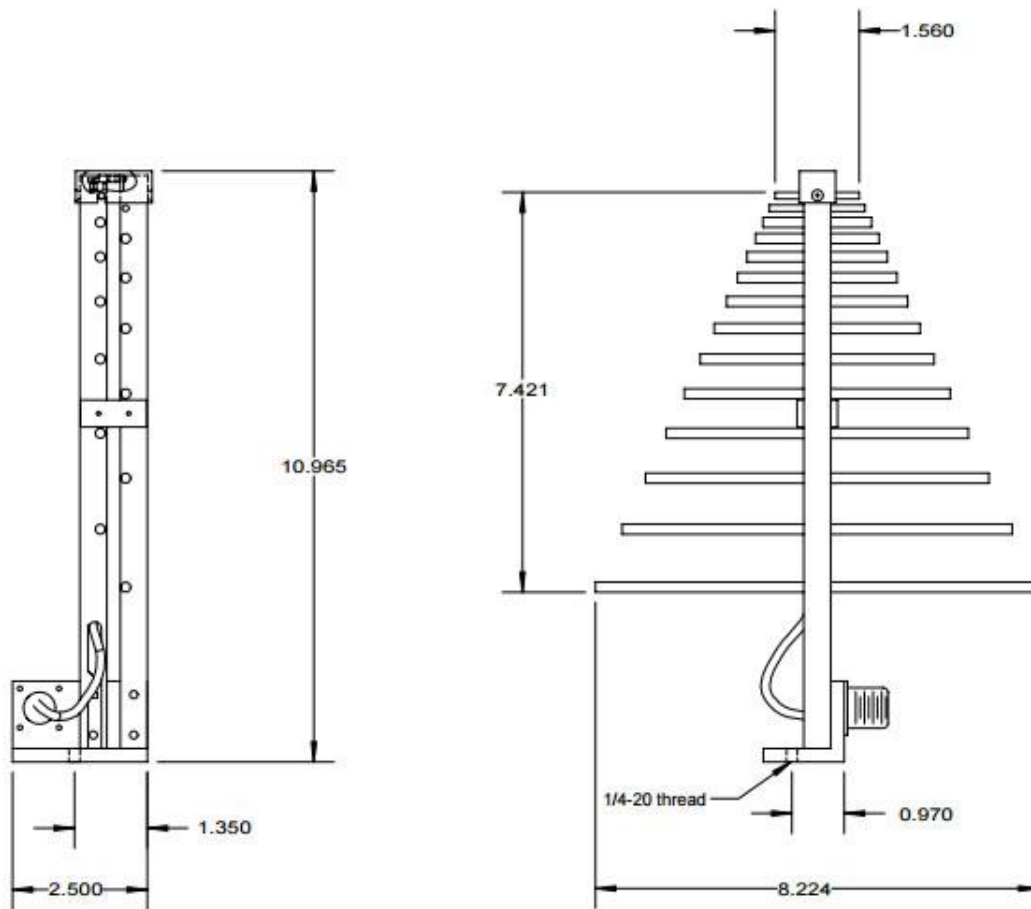
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Physical Dimensions

Length:	11 in. (28.1 cm)
Width:	8.2 in. (20.8 cm)
Weight:	0.7 lb.'s (0.32 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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