



## 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-519-7

### Log Periodic Antenna

650 MHz – 7 GHz

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



Frequency Range: 650 MHz - 7000 MHz

Antenna Factor: 20 - 46 dB

Gain: 1 to 8 dBi

Maximum Continuous Power: 700 Watts

Maximum Radiated Field: 200 V/m

Pattern Type: directional

Impedance: 50  $\Omega$

Connector: N-Type, Female

Mounting Base: 1/4 x 20 Thread, Female

### Features

- Frequency Range of 650 MHz to 7000 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-519-7 Log Periodic Antenna is extremely lightweight, compact and has been manufactured to ensure maximum gain and low VSWR. Covering a very large frequency range, this antenna is one of the smallest available. Whether testing inside a shielded enclosure or outdoors, this antenna will display efficient performance characteristics through the frequency range of 650 MHz to 7000 MHz.

### Recommended Accessories

- ATU-514 (Antenna Tripod)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0207A (25 dB Preamplifier)



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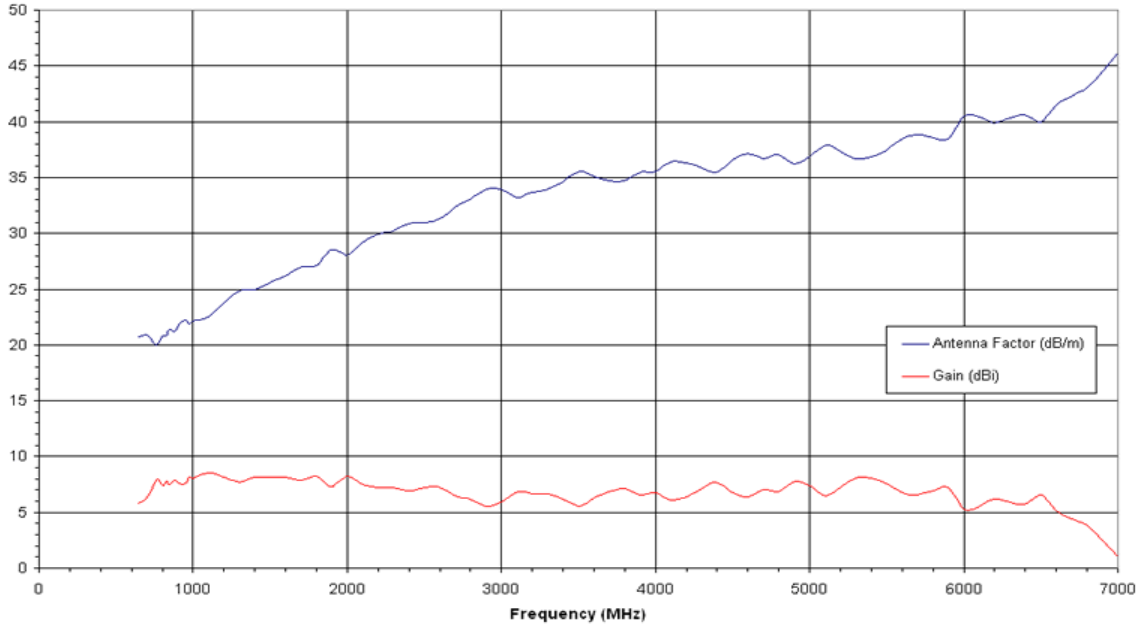
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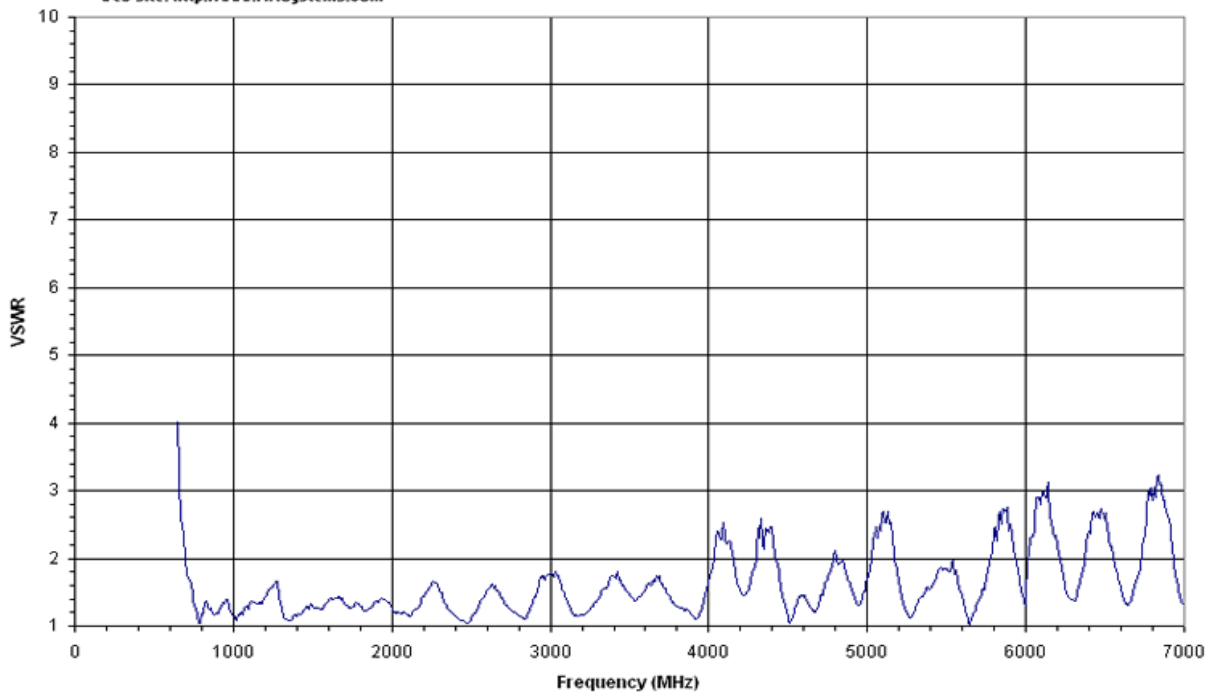
### Antenna Data 3 Meter Horizontal Polarity Model: SAS-519-7



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### VSWR Model: SAS-519-7





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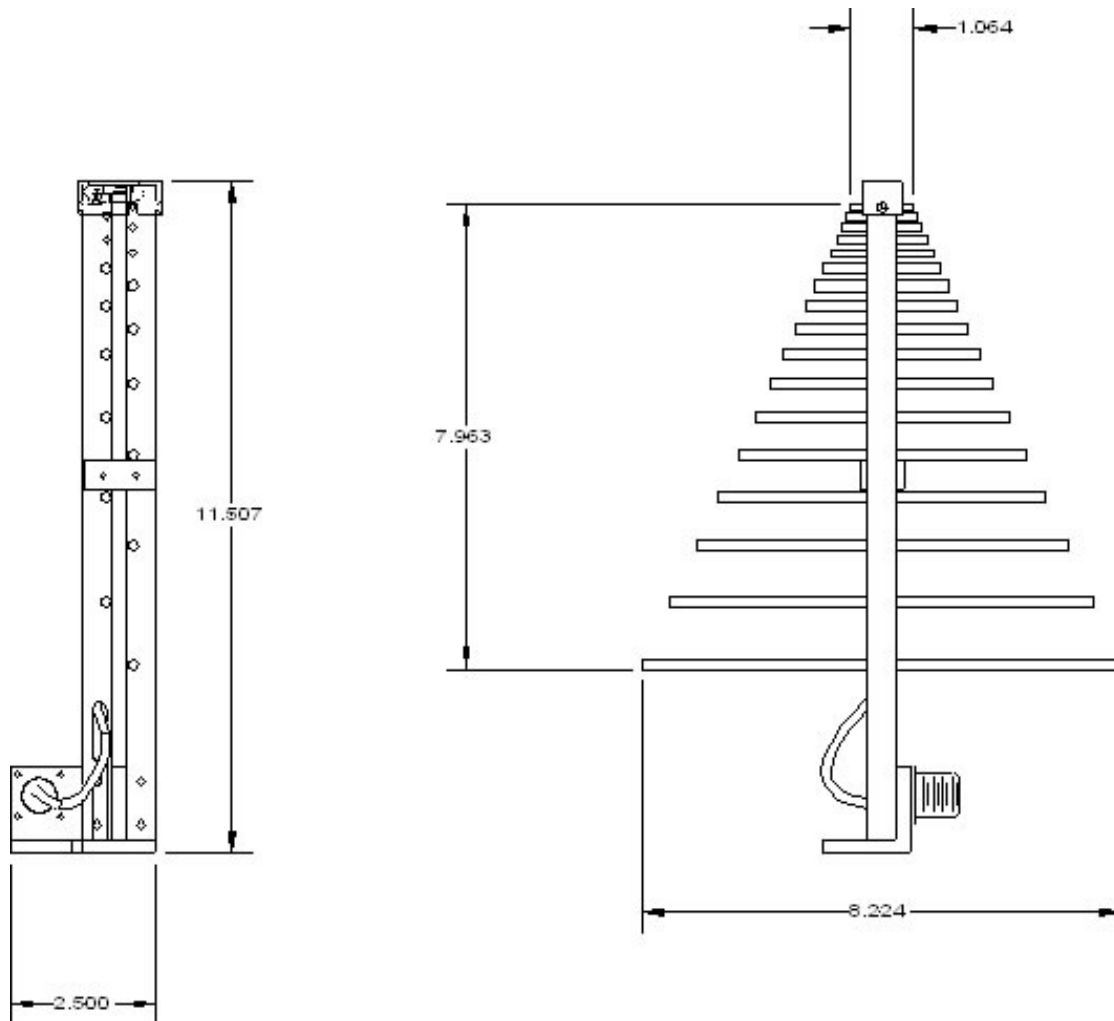


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**Physical Dimensions**

Length: 11.6 in. (29.4 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.