



## 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-570

### Double Ridge Guide Horn Antenna

170 MHz – 3 GHz

High gain, low VSWR, input handling capability up to 800 watts CW, and rugged design make this horn antenna excellent for both immunity and emissions testing.



Frequency Range: 170 MHz - 3 GHz

Antenna Factor (1 Meter) 11 to 33

Gain (dBi) 0 to 10.9

Maximum Continuous Power: 800 Watts

Impedance: 50  $\Omega$

Max Radiated Field: 200 V/m

500 V/m (with Optional

7/16 DIN female connector)

Connector: N-Type, female

Mounting Base: 1/4 - 20 Thread, female

### Features

- Broad Frequency Range of 170 MHz to 3 GHz
- Linearly Polarized High Gain, Low VSWR
- Individually Calibrated (1, 3 & 10 Meter calibration included, horizontal polarization)
- Optional 7/16 Input connector available for increased power capability
- Three year Warranty



The A.H. Systems' Double Ridged Guide Horn is a broadband antenna that offers excellent performance over the frequency range of 170 MHz - 3 GHz. High gain, low VSWR, input handling capability up to 800 watts CW and rugged design make this horn antenna excellent for both immunity and emissions testing.

### Recommended Accessories

- ATU-510 (Antenna Tripod)
- AEH-511 (Azimuth and Elevation Head)



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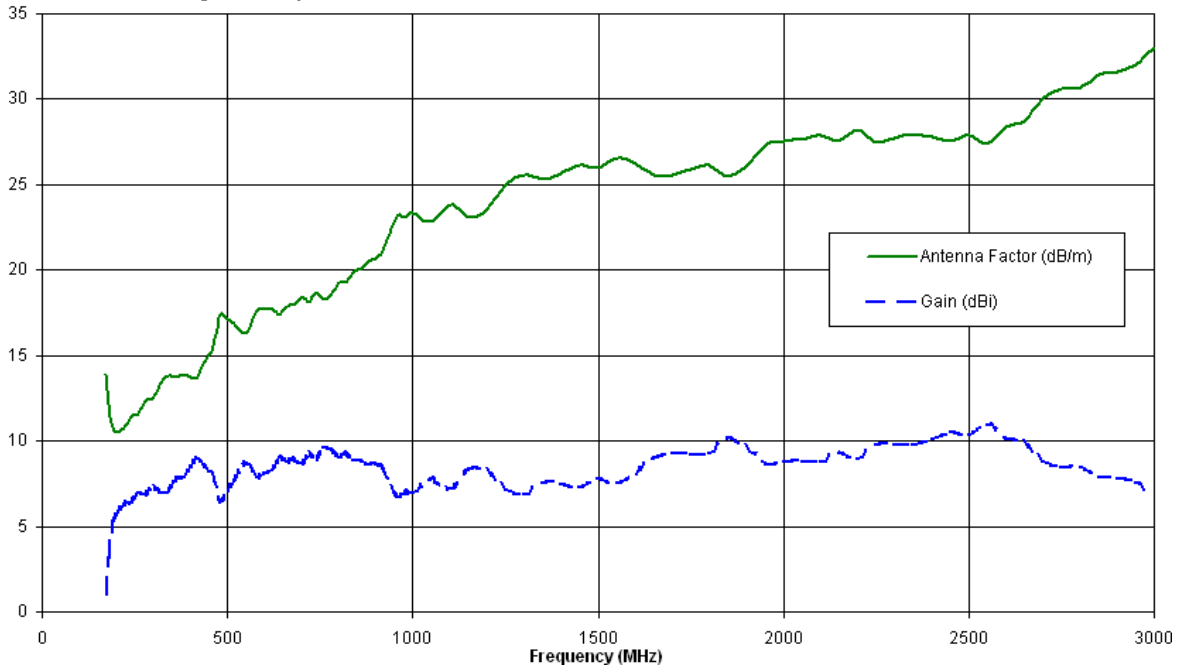
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Model: SAS-570



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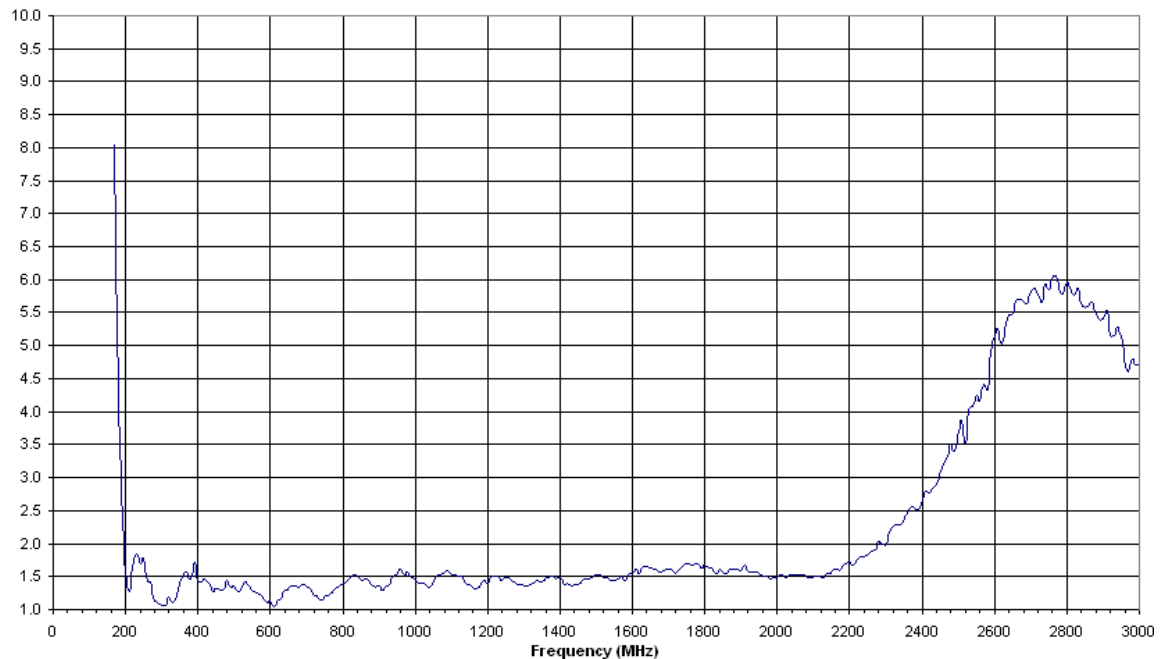
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### VSWR

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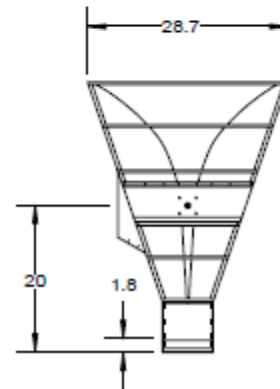
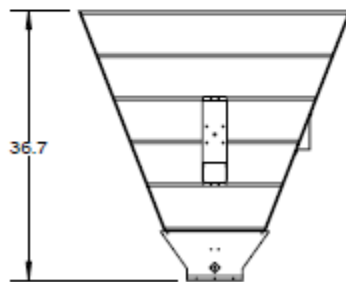
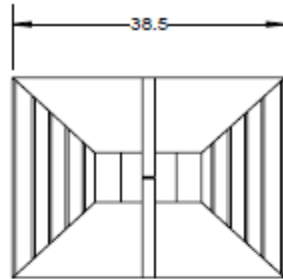


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**Physical Dimensions:**

Length: 36.7 in. (93.2 cm)

Width: 28.7 in. (72.9 cm)

Height: 38.5 in. (97.8 cm)

Weight: 22.5 lb.'s (10.21 kg)

Aperture: 27.2" x 37.2" (69cm x 94.5cm)