



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-542

Folding Biconical Antenna 20 MHz – 330 MHz

Biconical Antenna with folding elements for portable applications.



Frequency Range: 20 MHz - 330 MHz

Antenna Factor: 8.5 to 21.5 dB

Gain: -22 to 2.8 dBi

Maximum Continuous Power: 1 Watt

Max Radiated Field: 2 V/m

Pattern Type: omni-directional

Impedance: 50 Ω

VSWR: 2.0:1

Connector: N-Type, female

Mounting: ABC-B (included)

Features

- Folding elements for easy storage
- Frequency Range of 20 MHz to 330 MHz
- Omni-directional, Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- Three Year Warranty

The SAS-542 Folding Biconical Antenna was the first EMC antenna designed for portable compliance testing applications. The Biconical Elements unscrew from the balun and fold neatly into a small size for transportation. For rapid deployment, along with the mobility of a small package, the Folding Biconical elements can be closed similar to an umbrella allowing the antenna to be contained in an optional transit storage case. This Biconical antenna is ideal solution for any traveling compliance consultant performing site attenuation measurements.

Recommended Accessories

- ATU-510 (Antenna Tripod, Wooden)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0202 (30 dB Preampifier)



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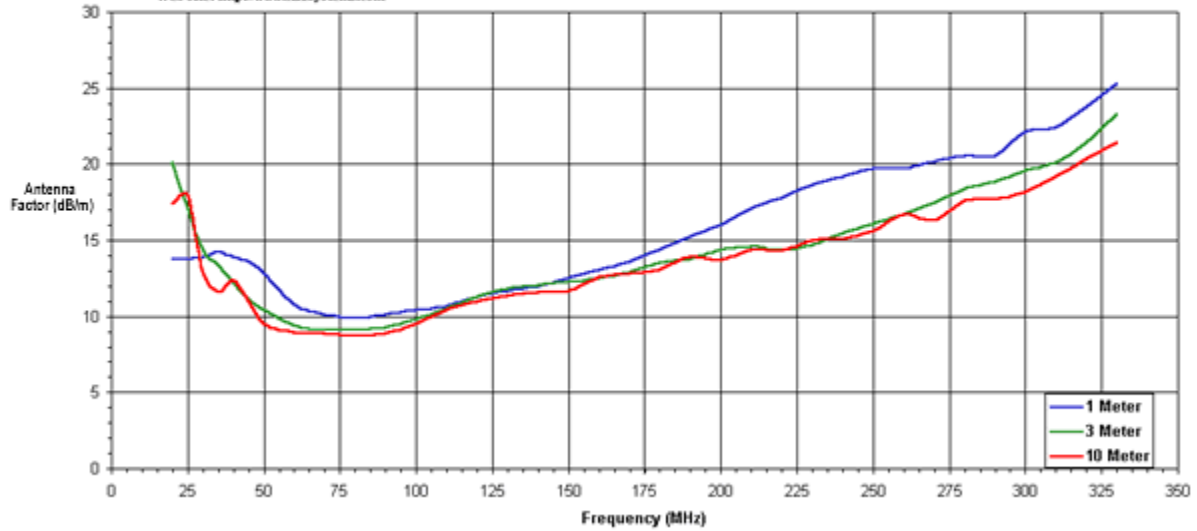
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Antenna Factor Folding Biconical Antenna Model SAS-542

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



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Average VSWR Biconical Antenna Model SAS-542

