



## A.H. Systems, Inc.

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## SAS-560

### Passive Loop Antenna

20 Hz – 2 MHz



This Loop sensor is built in accordance to the MIL-STD 461 specification for low frequency magnetic field testing.



Frequency Range: 20 Hz - 2 MHz  
Turns: 36 (7-41 Litz)  
Shielding: Electrostatic  
Connector: BNC, Female

### Features

- Low Frequency Range of 20 Hz to 2 MHz
- Individually Calibrated (Calibration included per IEEE-291)
- Rugged Construction
- Three Year Warranty

The SAS-560 passive Loop antenna was built for MIL-STD 461 RE 101 testing. This passive loop antenna has 36 turns enclosed in an electrostatic shielded loop. The loop diameter is 5 1/4" (13.3 cm) and has approximately 10 ohms of DC resistance. The Passive Loop Antenna is an ideal solution for a wide range of magnetic field testing. Whether used in a set to measure shielding effectiveness per MIL-STD 285 and NSA 65-6, or individually to satisfy specific requirements; this Loop Antenna is an efficient, low-cost solution.

### Recommended Accessories

- SAC-210 (3-meter BNC/BNC Cable, RG-58A/U)
- ADP-202 (BNC(m) to N(f) Adapter)
- Custom loop tripod stand upon request P/N# 2724
- ATU-510 (Antenna Tripod Unit, wooden)
- AEH-510 (Azimuth and Elevation Head, Plastic)

**A.H. Systems**

EMC Antennas and more





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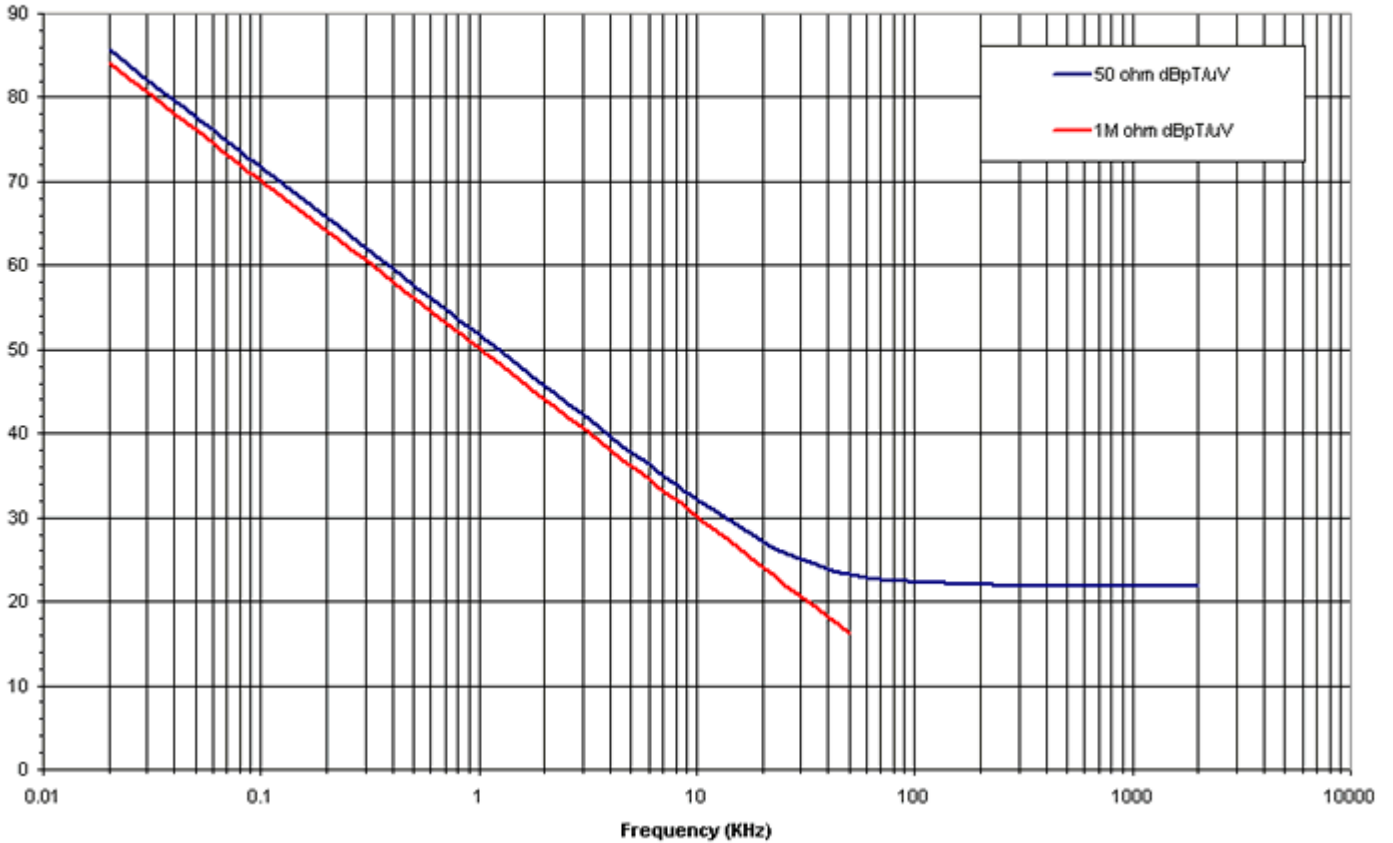
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**Correction Factor**  
**Model: SAS-560**  
**Loop Sensor**



### Physical Dimensions

Loop Diameter: 5¼ in. (13.3cm)  
Weight: 0.2 lb.'s (0.09 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 mechanical and electrical specifications without notice.

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