



## A.H. Systems, Inc.

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## SDA-900

**Sleeve Dipole Antenna for high frequency  
omni directional testing  
900 MHz**

With excellent symmetry, our Sleeve dipoles are an excellent omni-directional reference antenna. Manufactured with low VSWR, these Sleeve Dipole Antennas can be made to your specified frequency.



Center Frequency: 900 MHz  
Frequency Range: 880 – 920 MHz  
Gain: 2 dBi  
Maximum Continuous Power: 10 Watts  
Impedance: 50  $\Omega$   
Pattern type: Omni-directional  
Max Radiated Field:  
Connector: N-Type, female  
Mounting Base: ¼ - 20 Thread, female

### **Physical Dimensions**

Height: 13 in. (33 cm)  
Diameter: 7/8 in. (2.2 cm)  
Weight: 0.5 lb.'s (227 grams)

### **Features**

- Symmetrical pattern
- Low VSWR
- Ideal for wireless testing
- Individually calibrated
- Rugged Construction

This end-fed sleeve dipole antenna is truly omni-directional having excellent symmetry with low VSWR. The SDA-900 sleeve dipole is an excellent solution as a reference for antenna gain measurements, wireless testing and chamber reflectivity evaluation. The end-fed connection point allows better performance in symmetry, ideal for the requirement of a truly omni-directional antenna.

### **Included equipment**

ABC-TD      Antenna mounting clamp

### **Recommended Accessories**

- PAM-0202 (Preamplifier)
- SAC-211 (3 meter N/N Cable, RG-214U)
- ATU-510 (Antenna Tripod Unit, wooden)
- AEH-510 (Azimuth and Elevation Head, Plastic)