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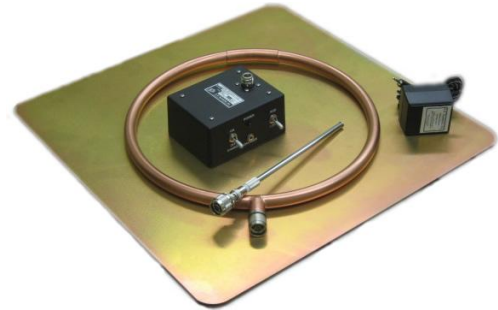


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# EHA-51B

## Battery Operated Active Monopole and 12" Loop Antenna 9 KHz - 60 MHz

A.H. Systems EHA-51B Antenna is an active, general-purpose, receive-only monopole and loop antenna for magnetic and electric field testing.



Frequency Range: 9 KHz – 60 MHz  
Impedance: 50  $\Omega$   
Connector: N-Type, female  
Mounting Base: ¼ - 20 Thread, female

### Physical Dimensions

Height: 22.2 in. (56.4 cm)  
Width: 38.5 in. (97.8 cm)  
Length: 39.0 in. (99.1 cm)  
Weight: 4.5 lb.'s (2.04 kg)

### Features

- Broad Frequency Range of 1 kHz to 60 MHz
- High Sensitivity
- Individually Calibrated
- MIL-STD, VDE and TEMPEST Testing
- Compact & Lightweight
- Battery Operated for Enhanced Portability

The A.H. Systems EHA-51B Antenna is an active, general-purpose, receive-only antenna that covers 1 KHz - 60 MHz.

As an Active Monopole antenna it is ideal for instantaneous bandwidth scanning (without tuning) of electric fields in its frequency range and can drive any receiver with 50-ohm input impedance.

The EHA-51B is also an active receive only loop antenna for magnetic field testing. It is suitable for MIL-STD, VDE, and TEMPEST testing, with reliable, repeatable measurements.

### Included equipment

- Switchable Preamplifier/matching network
- 12" shielded Loop antenna
- Telescoping Rod Antenna
- Battery Charger
- ADP-201 BNC(f) to N(m) Adapter

### Recommended Accessories

- SAC-212 (3 meter BNC/N Cable, RG-214U)
- ATU-510 (Antenna Tripod Unit, wooden)
- AEH-510 (Azimuth and Elevation Head, Plastic)