



A.H. Systems, Inc.

9710 Cozycroft Ave.
Chatsworth, CA 91311



Tel: (818) 998-0223



sales@AHSystems.com

Fax: (818) 998-6892



www.AHSystems.com

EHA-51B

Battery Operated Active Monopole and 12" Loop Antenna 1 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: 1 KHz – 60 MHz
Impedance: 50 Ω
Output Connector: BNC-Type, female
Mounting Base: 1/4 - 20 Thread, female

Physical Dimensions

Ground Plane Dimensions: 18" x 18" (45.7 cm x 45.7 cm)
Height with Rod: 41 in. (104 cm)
Height with Loop: 16.8 in. (42.7 cm)
Weight: 5.5 lb.'s (2.5 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-58)
- ATU-510 (Antenna Tripod Unit, wooden)
- AEH-510 (Azimuth and Elevation Head, Plastic)