



A.H. Systems, Inc.

9710 Cozycroft Ave.
Chatsworth, CA 91311



Tel: (818) 998-0223
Fax: (818) 998-6892

◆ sales@AHSystems.com
◆ www.AHSystems.com

AK-521F-2 Biological Antenna Kit 25 MHz - 2 GHz

For rapid deployment along with the mobility of small package, this Biological Antenna Kit provides an inexpensive solution to broadband applications.



Frequency Range: 25 MHz - 2 GHz
Gain: 6 dBi
Maximum Continuous Power: 400 Watts
Impedance: 50 Ω
Max Radiated Field: 100 V/m
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: 37.3 in. (94.7 cm)
Weight: 4.5 lb.'s (2.04 kg)

Features

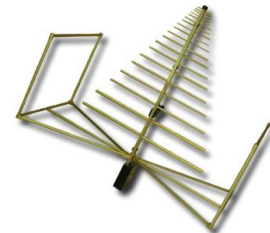
- Hybrid Log Periodic - Biconical Antenna
- Wide Frequency Range of 25 MHz - 2 GHz
- Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- FCC, MIL-STD, VDE and TEMPEST Testing
- Rugged Construction

The A.H. Systems' SAS-521F-2 Biological Antenna is one of our latest antennas, providing an inexpensive solution to wide band applications. Whether testing inside a shielded enclosure or outdoors, this antenna will display efficient performance characteristics through the frequency range of 25 MHz to 2 GHz.

Included equipment

Model Number	Frequency Range	Description
SAS-521F-2	20 MHz – 2 GHz	Folding Biological Antenna
SAC-213	up to 5 GHz	3 Meter N-N cable
BTE-510	--	Biological Tripod Extension
TSC-521	--	Antenna Transit Storage Case

Case size: 28" x 23" x 10" (71cm x 58cm x 25cm)
Kit weight: 26 lbs. (11.8kg)



Recommended Accessories

- PAM-0202 (Pre-amplifier)
- SAC-213-0.5 (0.5 meter N/N Cable)
- BTE-510 (Biological Tripod Extension)
- ATU-510 (Antenna Tripod Unit, wooden)
- AEH-510 (Azimuth and Elevation Head, Plastic)



A.H. Systems, Inc.

9710 Cozycroft Ave.
Chatsworth, CA 91311



Tel: (818) 998-0223

Fax: (818) 998-6892

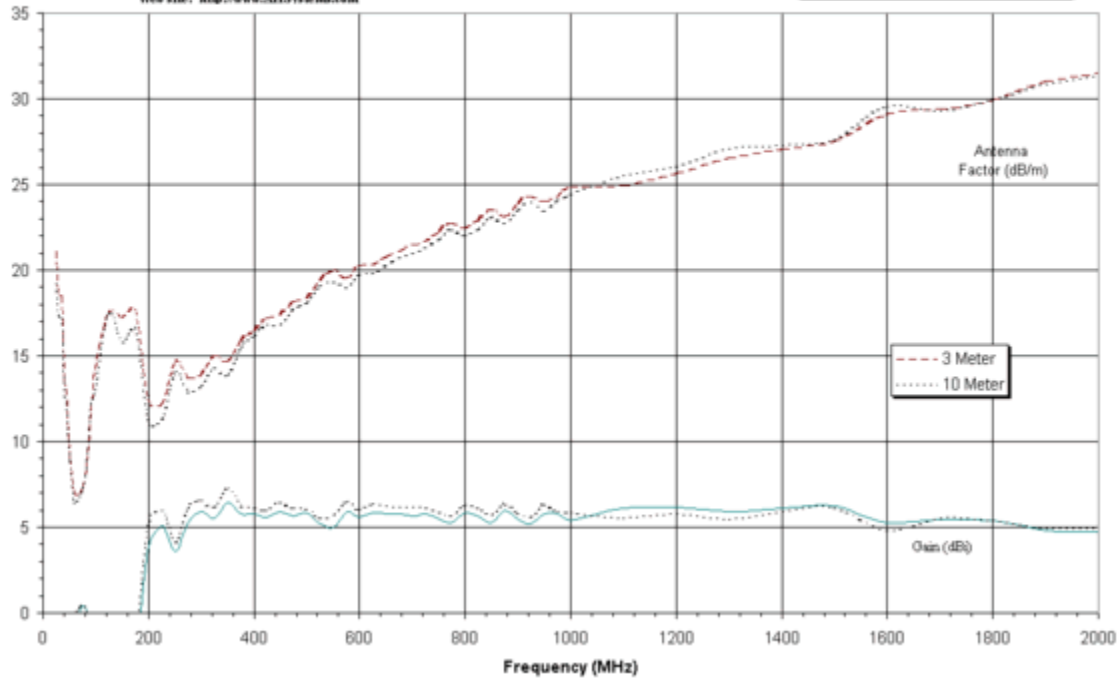
◆ sales@AHSystems.com

◆ www.AHSystems.com

A.H. Systems Inc.
9710 Cozycroft Ave. Chatsworth, CA 91311
Phone (818) 998-0223 Fax (818) 998-6892
E-mail: Info@AHSystems.com
Web site: <http://www.AHSystems.com>

Antenna Data Model SAS-521F-2

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



A.H. Systems Inc.

9710 Cozycroft Ave. Chatsworth, CA 91311
Phone (818) 998-0223 Fax (818) 998-6892
E-mail: Info@AHSystems.com
Web site: <http://www.AHSystems.com>

VSWR Biological Antenna Model SAS-521F-2

Average VSWR 1.43

