



# A.H. Systems, Inc.

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## AK-40G

**Antenna Kit**  
20 Hz - 40 GHz

Our most popular antenna kit that provides all the reliable antennas, current probes, and accessories needed to satisfy a wide array of customer compliance testing requirements.



Frequency Range: 20 Hz – 40 GHz  
Impedance: 50 Ω

### Physical Dimensions

Antenna Kit: 28" x 23" x 10" (35 lbs.)  
Tripod Carrying case: 46" x 8" Dia. (19 lbs.)

### Features

- Total Frequency Range of 20 Hz – 40 GHz
- Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- FCC, MIL-STD, VDE and TEMPEST Testing

The AK-40G antenna kit provides all the reliable antennas, current probes, and accessories needed to satisfy a wide array of customer requirements. Each component has a specific storage compartment in the carrying case therefore, loss and breakage are virtually eliminated. Cables, a tripod with azimuth and elevation head, and a tripod carrying case accompany the antenna kit.

### Included equipment

Model Number	Frequency Range	Description	Connector Type
SAS-510-2	290 MHz – 2 GHz	Log Periodic Antenna	N(f)
SAS-542	20 MHz – 330 MHz	Biconical Antenna	N(f)
SAS-550-1B	9 KHz – 60 MHz	Active Monopole Antenna	BNC(f)
SAS-560	20 Hz – 2 MHz	Passive Loop Antenna	BNC(f)
SAS-571	700 MHz – 18 GHz	DRG Horn Antenna	N(f)
SAS-574	18 GHz – 40 GHz	Horn Antenna, 20 dBi	2.92mm(f)
BCP-610	20 Hz – 20 MHz	RF Current Probe	N(f)
BCP-611	10 KHz – 150 MHz	RF Current Probe	BNC(f)
TSC-AK	--	Transit Storage Case	
SAC-18G-3	--	3 Meter Low-Loss cable	N(m) to N(m)
SAC-40G-1.5	--	1.5 Meter Low-Loss cable	2.92(m) to 2.92(m)
ADP-202	--	N(f) to BNC(m) Adapter	
ADP-203	--	SMA(m) to N(f) Adapter	
ATU-510	--	Wooden Tripod	
AEH-510	--	Azimuth and Elevation Head	
TCC-510	--	Tripod Carrying Case	



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### Recommended Accessories

- PAM-0118P (20 MHz – 18 GHz) Preamplifier
- SAC-18G-0.5 (0.5-meter N/N Cable)
- PAM-1840 (18 GHz – 40 GHz) Preamplifier
- SAC-40G-0.5 (0.5-meter low-loss cable)