



## A.H. Systems, Inc.

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## AK-285R

**Antenna Kit**  
1 KHz - 18 GHz

A portable and economical approach to having all the antennas required for most shielding effectiveness testing.



Frequency Range: 1 KHz – 18 GHz

Impedance: 50  $\Omega$

### Physical Dimensions

Antenna Kit: 28" x 23" x 10" (38 lbs.)

Tripod Carrying case: 46" x 8" Dia. (19 lbs.)

### Features

- Total Frequency Range of 1 KHz – 18 GHz
- Receive set of antennas for shielding effectiveness
- Individually Calibrated
- FCC, MIL-STD, VDE and TEMPEST Testing

The A.H. Systems AK-285R and AK-285T antenna kits includes all of the required antennas needed to perform shielding effectiveness. 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 each antenna kit.

### Included equipment

Model Number	Frequency Range	Description
SAS-510-2	290 MHz – 2 GHz	Log Periodic Antenna
SAS-544F	20 MHz – 300 MHz	Biconical Antenna
SAS-550-1B	9 KHz – 60 MHz	Active Monopole Antenna
SAS-563B	1 KHz – 30 MHz	Active Loop Antenna
SAS-571	700 MHz – 18 GHz	DRG Horn Antenna
TSC-285R	--	Transit Storage Case
SAC-18G-3	--	3 Meter Low-Loss cable
ADP-202	--	N(f) to BNC(m) Adapter
ATU-510	--	Wooden Tripod
AEH-510	--	Azimuth and Elevation Head
TCC-510	--	Tripod Carrying Case

### Recommended Accessories

- PAM-0118P (20 MHz – 18 GHz) Preamplifier
- SAC-18G-0.5 (0.5 meter N/N Cable)