SAS-519-7
Log Periodic Antenna
650 MHz – 7 GHz

Lightweight broadband Log Periodic Antenna
designed for communication and wireless testing.

Frequency Range: 650 MHz - 7000 MHz
Antenna Factor: 20 - 46 dB
Gain: 1 to 8 dBi
Maximum Continuous Power: 700 Watts
Maximum Radiated Field: 200 V/m
Pattern Type: directional
Impedance: 50 Ω
Connector: N-Type, Female
Mounting Base: ¼ x 20 Thread, Female

Features
- Frequency Range of 650 MHz to 7000 MHz
- Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- Rugged Construction
- Three Year Warranty

The A.H. Systems’ SAS-519-7 Log Periodic Antenna is extremely lightweight, compact and has been manufactured to ensure maximum gain and low VSWR. Covering a very large frequency range, this antenna is one of the smallest available. Whether testing inside a shielded enclosure or outdoors, this antenna will display efficient performance characteristics through the frequency range of 650 MHz to 7000 MHz.

Recommended Accessories
- ATU-510 (Antenna Tripod, Wooden)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0207 (30 dB Preamplifier)
Antenna Factor
Model SAS-519-7

Conversion of meter reading to field strength:

\[ \text{dBuV/m} = \text{dBuV} + \text{AF} + \text{cable loss} \]
Physical Dimensions
Length: 11.6 in. (29.4 cm)
Width: 8.2 in. (20.8 cm)
Weight: 0.7 lb.'s (0.32 kg)