SAS-510-4
Log Periodic Antenna
290 MHz – 4 GHz

This Broadband Log Periodic Antenna is an ideal solution for radiated emissions and normalized site attenuation.

Frequency Range: 290 MHz - 4000 MHz
Antenna Factor: 15 - 37 dB
Gain: 6.2 dBi
Maximum Continuous Power: 1000 Watts
Maximum Radiated Field: 200 V/m
Pattern Type: directional
3dB Beamwidth (E-Field): 41°
3dB Beamwidth (H-Field): 100°
Impedance: 50 Ω
VSWR: 1.65:1 typ. (2.5:1 max)
Connector: N-Type, Female
Mounting Base: ¼ x 20 Thread, Female

Features
- Frequency Range of 290 MHz to 4000 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-510-4 antenna is lightweight, compact and has been manufactured to ensure maximum gain, low VSWR and high power handling capabilities. Whether testing inside a shielded enclosure or outdoors, this antenna will display efficient performance characteristics through its frequency range.

Recommended Accessories
- ATU-510 (Antenna Tripod, Wooden)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0204 (22 dB Preamplifier)
Conversion of meter reading to field strength:

\[ \text{dBm} = \text{dBuV} + \text{AF} + \text{calib} \]
Physical Dimensions

Length: 23.8 in. (60.4 cm)
Width: 20.1 in. (51.1 cm)
Weight: 1.5 lb.'s (0.68 kg)