



## A.H. Systems, Inc.

9710 Cozycroft Ave.  
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www.AHSystems.com

### FCC-3

#### Tuned Dipole Antenna

170 MHz – 340 MHz

Designed per the FCC specifications, this Tuned Dipole antenna is ideal for site attenuation measurements.



Frequency Range: 170 MHz - 340 MHz

Antenna Factor: 22 to 44

Gain (dBi): 1.5

Balun Loss: <0.5 dB

Maximum Continuous Power: 90 Watts

Impedance: 50  $\Omega$

VSWR: 1.3:1

Connector: N-Type, Female

#### Features

- F.C.C. Antenna Balun Design
- Omni-directional, Receive and Transmit
- Individually Calibrated (1, 3 and 10 Meter calibration included, horizontal polarization)
- Rugged Construction with low balun loss, low VSWR
- Three Year Warranty

The A.H. Systems FCC-3 Tuned Dipole Antenna is manufactured per ANSI C63.5 (Willmar Roberts design) and covers the 170 MHz – 340 MHz Frequency Range. This half wave dipole antenna provides an accurate standard for precise EMI testing and site attenuation measurements (per EN55022 and ANSI C63.4), and should be considered as a standard reference antenna for frequencies below 1000 MHz.

#### Recommended Accessories

- ATU-510 (Antenna Tripod, Wooden)
- AEH-510 (Azimuth and Elevation Head)
- PAM-0202 (30 dB Preamplifier)



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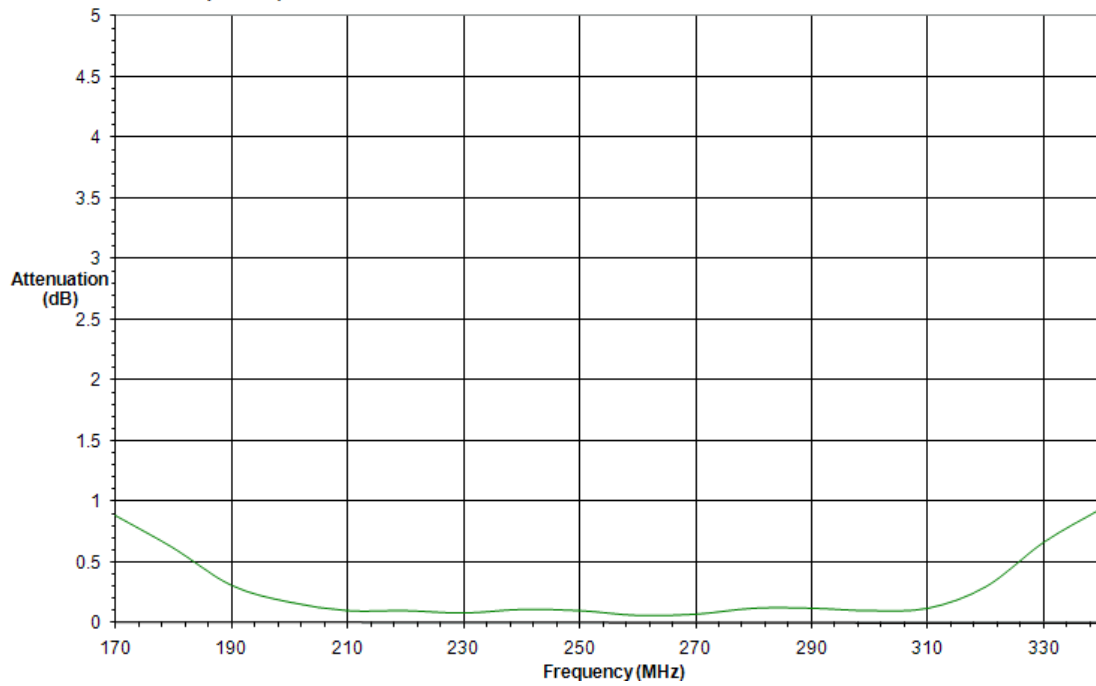


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**Balun Loss**  
**Model: FCC-3**  
**Tuned Dipole Antenna**



**VSWR**  
**Tuned Dipole Antenna**  
**Model FCC-3**

