

3147 LOG PERIODIC DIPOLE ARRAY ANTENNA

ETS-Lindgren's Model 3147 Log Periodic Dipole Array is primarily designed for use with the FCC Part 15.



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This antenna is constructed of precision, corrosion-resistant nickel-plated brass tubing, for years of trouble-free indoor and outdoor use. In addition to the excellent VSWR, precision construction and assembly of the boom also results in an optimal phase relationship.

Key Features

- Two Year Warranty
- Ultra Broadband
- Low VSWR
- High Gain
- Type N connector

Specifications

Electrical Specifications

Frequency Minimum: 200 MHz

Frequency Maximum: 5 GHz

Connectors: Type N (f)

Impedance (Nominal): 50 Ω

Maximum Continuous Power:

- 80 W at 1 GHz
- 40W at 5 GHz

Peak Power:

- 100.0 W at 1 GHz
- 50W at 5 GHz

Pattern Type: Directional

Polarization: Linear

VSWR 1.25:1 Average; 1.7:1 Maximum

Physical Specifications

Height: 7.6 cm (3.0 in)

Length: 88 cm (34.7 in)

Width: 97 cm (38.2 in)

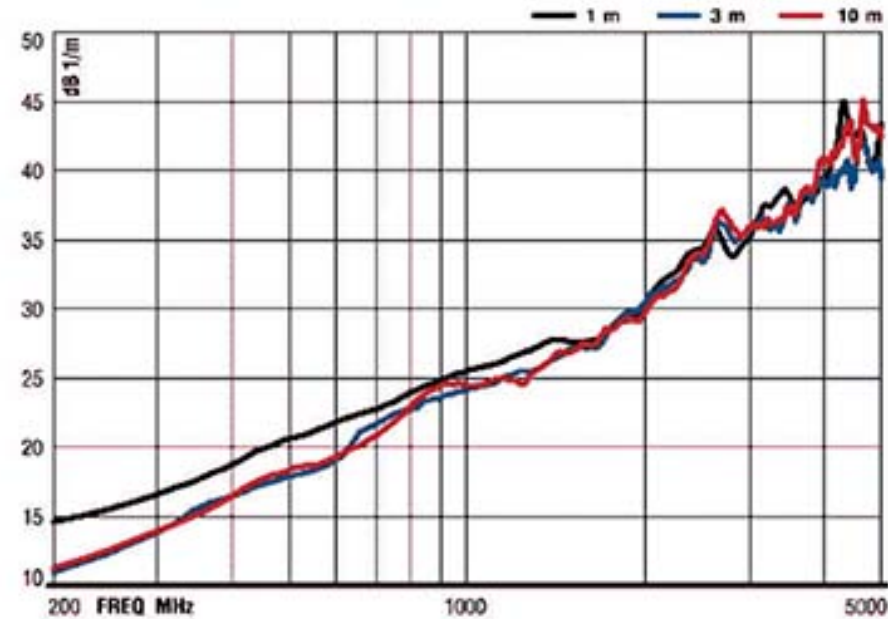
Weight: 4.2 kg (9.4 lb)

Other Specifications

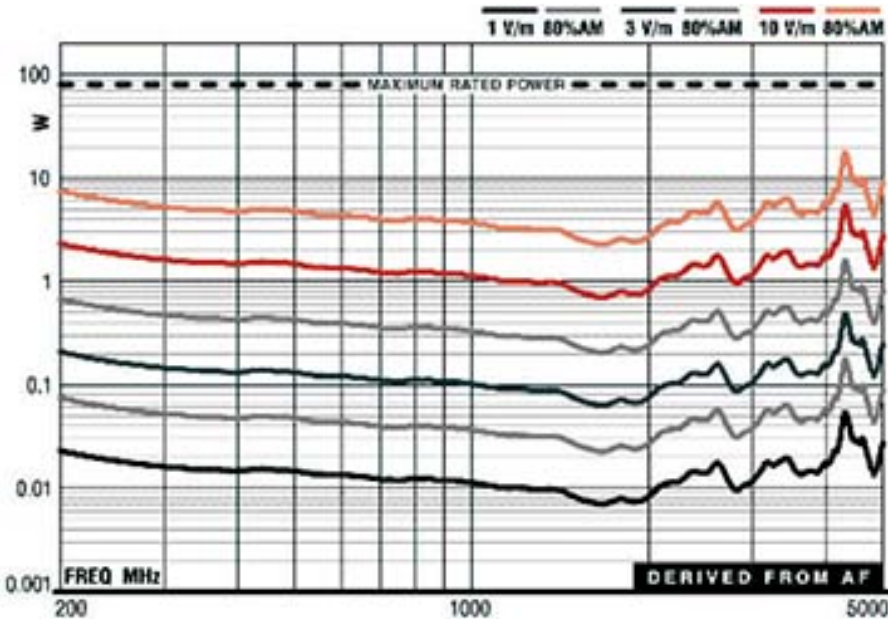
- Antenna
- Individually Calibrated at 1 m per SAE ARP 958
- Actual antenna factors and a signed Certificate of Calibration Conformance provided.
- Manual

Product Charts

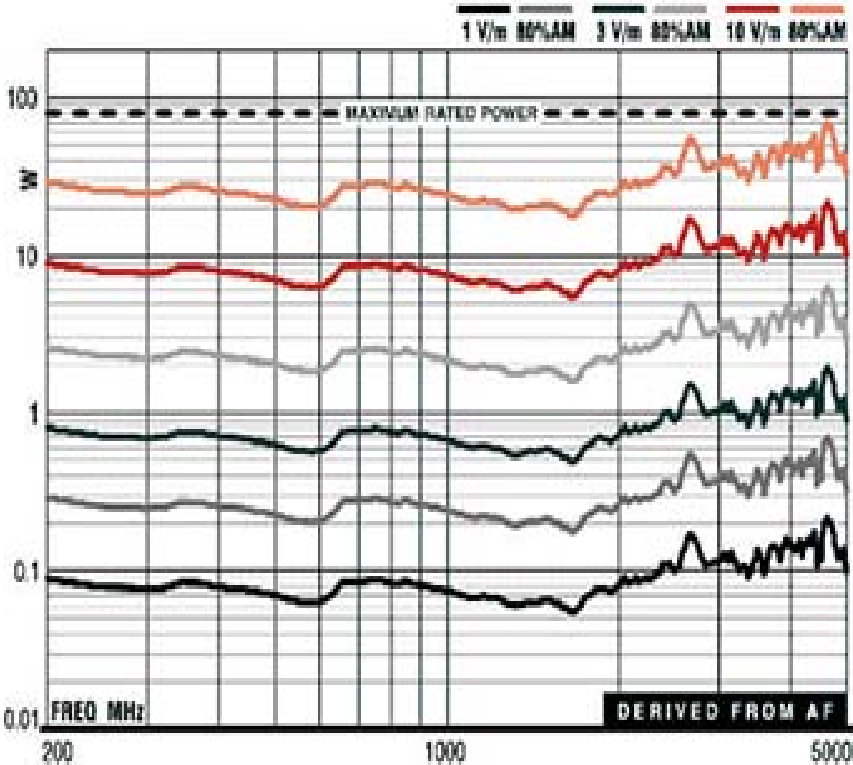
3147 Log Periodic Dipole Array Antenna
Antenna Factor



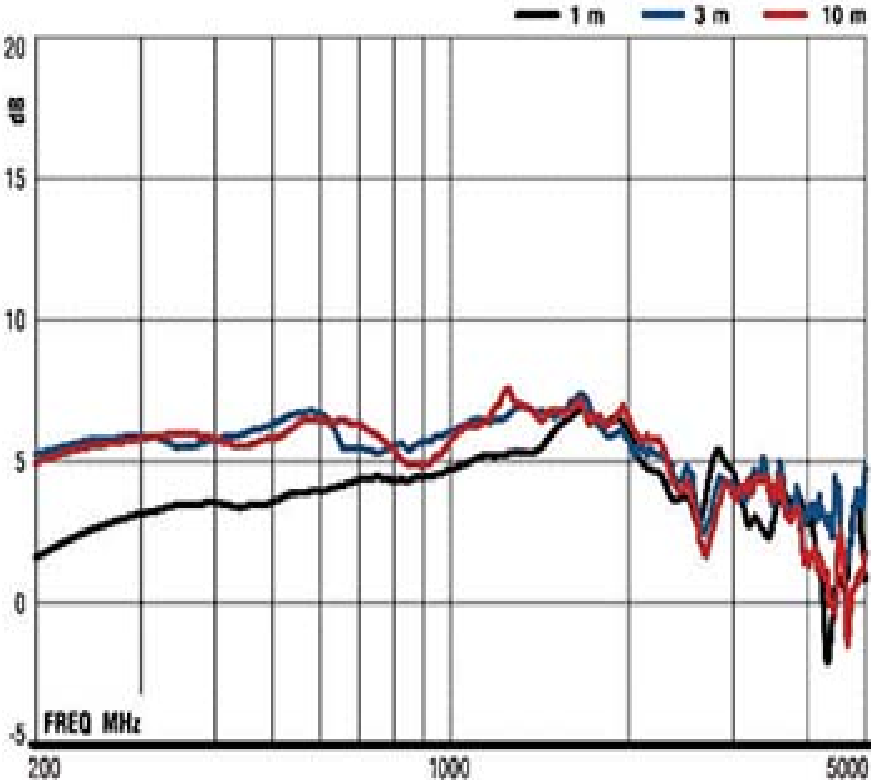
3147 Log Periodic Dipole Array Antenna
Forward Power at 1 m



3147 Log Periodic Dipole Array Antenna
Forward Power at 3 m



3147 Log Periodic Dipole Array Antenna
Gain



3147 Log Periodic
Dipole Array Antenna
VSWR

