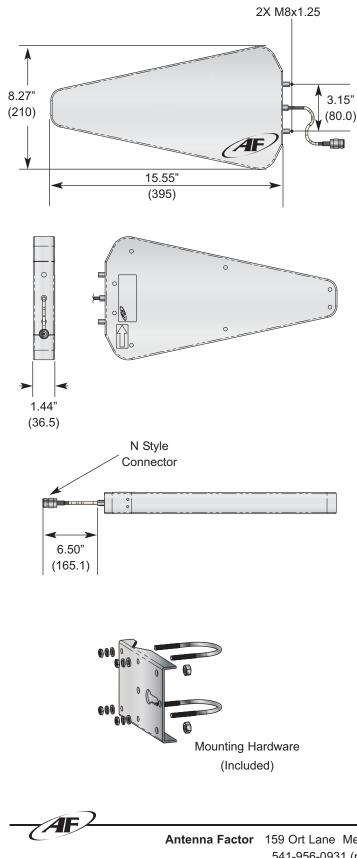
ACTOR ANT-DB1-LP-RM-01-N DATA SHEET

# **Product Dimensions**



## C Description



The Antenna Factor Log Periodic antenna is designed for long-distance directional communication over a wide range of frequencies. The DB1-LP antenna provides gain and directivity comparable to a Yagi, but in a much smaller overall form factor, and over a

considerably wider range of frequencies. Constructed of UV stabilized materials, the antenna is suitable for long-term use in indoor or outdoor environments. The antenna includes complete mounting hardware for standard masts.

\*NOTE\* Use of these antennas may result in TX and RX emission levels in excess of legal limits.

#### Features

- High gain
- N female connector
- Wide bandwidthFully weatherized
- Rugged & damage-resistant
- Excellent performance over common frequency ranges

824-960MHz

Vertical

50 ohms

100W

≥20dB

1.71-2.17GHz 2.40-2.48GHz

≤1.5 typ. at center

57°, 53°, 50° (Bands 1, 2, 3 resp.)

85°, 70°-80°, 70° (Bands 1, 2, 3 resp.)

8.5dBi (Band 1) 9.0dBi (Bands 2 and 3)

N-style female

2.4lbs (1.1kg)

75mph (120kph)

Bracket with U-bolts, 1.58"-1.97"(40-50mm) mast

0

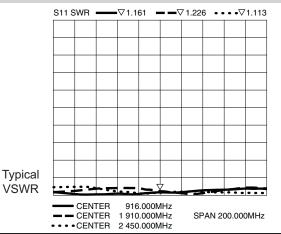
## Electrical Specifications

- Recmd. Freq. Range
- Polarization
- VSWR
- Impedance
- Gain
- 3dB H Beamwidth
  3dB V Beamwidth
- Sub v Bearliviuin
  Max. Power
- Connector
- Mounting
- mounting
- Weight
- Wind Velocity
- Front/Back Ratio

#### Ordering Information

 ANT-DB1-LP-RM-01-N (with N female connector) Visit connectorcity.com for cable assemblies

## **VSWR Graph**



Antenna Factor 159 Ort Lane Merlin, OR 97532 www.antennafactor.com 541-956-0931 (phone) 541-471-6251 (fax)