



FIBERGLASS BASE STATION ANTENNAS FEATURE INDUSTRY-LEADING DESIGN COMPONENTS THAT PERFORM IN EXTREME CONDITIONS

Laird's fiberglass base station antennas are collinear designs enclosed in a high density fiberglass, which is covered with a protective ultraviolet inhibiting coating.

The radiating elements are made from high efficiency copper and are carefully phased to provide maximum gain in the horizontal plane. The mounting sleeves are tuned to eliminate RF currents from the transmission line, resulting in a "cold" sleeve allowing great freedom in mounting. This high quality and well-focused beam provides the highest gain and best efficiency.

FEATURES

- High performance
- Easy installation w/ optional FM2
- Special UV treated radome, resists sun damage
- N-female industry standard connector
- 100% tested on a network analyzer

ELECTRICAL SPECIFICATIONS

Frequency Range	902-928 MHz
VSWR	<1.5:1
Nominal Gain	6 dBd
Maximum Power	100 W
Nominal Impedance	50 Ω
Polarization	Vertical
Pattern	Omnidirectional
Half-Power Beamwidth (Elevation° x Azimuth°)	30° x 360°
Termination	N-female Connector
Lightning Protection	Lightning Arrestor LABH350NN (Sold Separately)

MECHANICAL SPECIFICATIONS

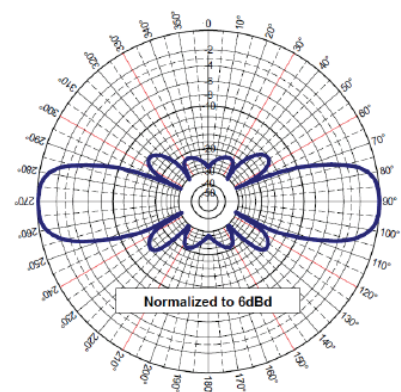
Height	61"
Diameter	1.310"
Weight	0.5 lbs
Rated Wind Velocity	125 mph (210 kph)
Rated Wind Velocity (with 0.5" radial ice)	85 mph (137 kph)
Lateral Thrust@ 125mph	57 lbs (26 kg)
Wind Resistance	0.5549 sq. ft.
Rated Temperature	-55°F to 185°F
Mounting Information	FM2 Mounting Kit (Sold separately)



Lightning Arrestor (LABH350NN)

FM2 Mounting Kit

RADIATION PATTERN



Elevation Pattern (Y, Z or H-plane)

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