Smart Technology. Delivered.

FG8060
Omnidirectional Antenna

FG8060
(Shown with optional FM2SP mounting kit)

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.

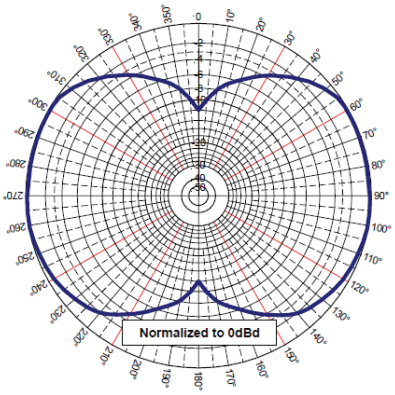
FEATURES

- Highly stable PC board matching network
- High Performance
- Easy installation w/ optional FM2SP
- Special UV treated radome, resists sun damage
- N-female industry standard connector
- 100% tested on a network analyzer

ELECTRICAL SPECIFICATIONS	
Frequency Range	806 – 866 MHz
Nominal Gain	0 dBd
VSWR	<2:1
Maximum Power	100 W
Nominal Impedance	50 Ω
Polarization	Vertical
Pattern	Omnidirectional
Half-Power Beamwidth	110° x 360° (El° x Az°)
Termination	N-female Connector
Lightning Protection	Lightning Arrestor LABH350NN (Sold Separately)

MECHANICAL SPECIFICATIONS	
Height	13-3/8"
Diameter	1.310"
Weight	0.65 lbs
Rated Wind Velocity	125mph (210kph)
Rated Wind Velocity (with 0.5" radial ice)	85mph (137kph)
Wind Resistance	0.1217 sq. ft.
Mounting Information	Optional FM2SP Mounting Kit (Sold Separately)

RADIATION PATTERN



Elevation Pattern (Y, Z or H-plane)

Lightning Arrestor (LABH350NN)

FM2SP Mounting Kit

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