Laird TECHNOLOGIES

Innovative **Technology** for a **Connected** World

351MHz 7dBi Gain Omnidirectional Antenna

FG3517

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

The FG3517 omnidirectional base station antenna incorporates a coaxial design that is enclosed in high density fiberglass, which is covered with a protective ultraviolet inhibiting coating. The radiating elements 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 that allows for greater freedom in mounting. The antenna's high quality and well-focused beam provides the best efficiency with highest gain.

FEATURES

- High gain (7dBi)
- Every FG fiberglass base antenna is tested on a network analyzer before shipping to assure the best performance
- Custom UV protection coating
- Durable gold anodized sleeve and cap with N-female connector
- FedEx/UPS Shippable

MARKETS

- Omnidirectional outdoor antenna applications used in commercial, public safety, and government applications around the globe
- Typical applications include land based and marine radio and voice and data transmission
- Designed for use in the China public safety market

MECHANICAL SPECIFICATIONS	All data relevant to all frequencies
Maximum Power	100 Watts
Nominal Impedance	50 Ω
Polarization	Vertical
VSWR	≤ 1.5:1
Termination	N-Female Connector
Mounting Bracket	FM2 Mounting Kit included
Lightning Protection	Lightning Arrestor p/n: LABH350NN (sold separately)
Antenna Length	90" (2.27 m)
Weight (Mass)	2 lbs
Diameter	1.310" (33.27 mm)
Rated Wind Velocity	100mph (160 kph)
Rated Wind Velocity (with 1/2"(12.7 mm) radial ice)	85mph (137 kph)
Wind Resistance	0.8133 sq. ft

global solutions: local support™

Americas: +1.847 839.6907
IAS-AmericasEastSales@lairdtech.com

Europe: +1.32.80.7866.12
IAS-EUSales@lairdtech.com

Asia: +1.65.6.243.8022
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

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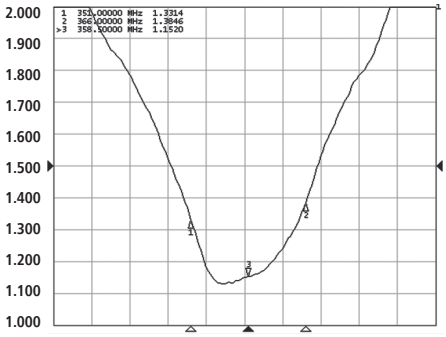
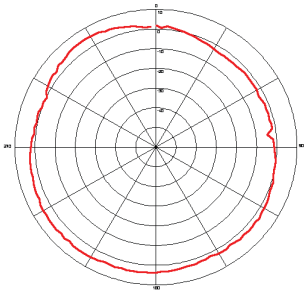
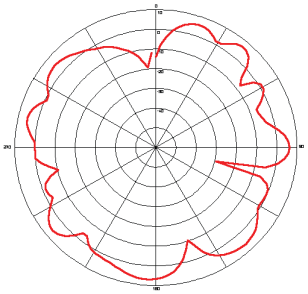
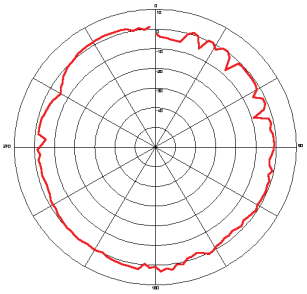
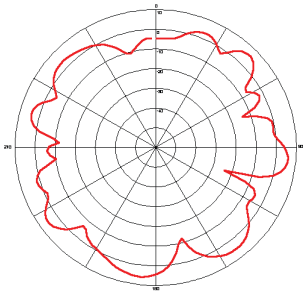
VSWR DIAGRAM



PATTERNS

	Azimuth	Elevation
351 MHz		
358.5 MHz		
366 MHz