Laird TECHNOLOGIES

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

LP800-2500-9-NF
Log Periodic Dual-Band Antenna

806-960 MHz, 1710-2500 MHz ANTENNA

The LP series antennas from Laird Technologies are ultra wideband log periodic antennas which cover a very wide frequency range. Because it covers both cellular and WLAN worldwide frequencies, it is very useful for CPE equipment and base station equipment needed for these frequency bands, minimizing the amount of equipment needed for each service location. The LP series can be used indoors or outdoors. It comes complete with all components needed for pole mounting or wall mounting. The sealed housing is UV stabilized ABS plastic. The backplate is stainless steel with stainless steel fasteners. All bracket components are stainless steel for corrosion protection. The pigtail is 18 inch outdoor rated cable terminated with an N female connector standard. Other connector/cable configurations available upon request.

FEATURES ✓RoHS

- Covers both cellular and WLAN frequencies
- Consistent 9 dBi gain across all frequencies
- Pole mount or wall mount
- Light gray attractive UV protected housing
- Vertical or horizontal polarization
- DC grounded for lightning protection

MARKETS

- Cellular / WLAN repeaters
- WISP equipment
- Indoor cellular / WLAN extenders
- Non-line of sight

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

Laird TECHNOLOGIES

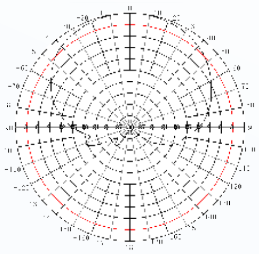
Innovative **Technology** for a **Connected** World

LP800-2500-9-NF

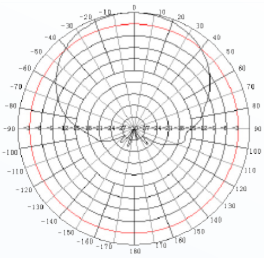
Log Periodic Dual-Band Antenna

PARAMETER	MIN	TYP	MAX	UNITS
Frequency Range	806-960		1710-2500	MHz
VSWR		1.5:1		
Impedance		50		OHM
Input Power			50	W
Operating Temperature	-45		+70	Deg C
Gain		9		dBi
3 dB Beam Angle (E-Plane)		55		Deg
3 dB Beam Angle (H-Plane) 806-960		90		Deg
3 dB Beam Angle (H-Plane) 1710-2500		75		Deg
Front to Back	23			dB
Pole Size			1.7	in
Weight	1.5 (.7)			Lb (kg)
Outside Dim (L x W x H)	15.5 x 10.5 x 2.75 (394 x 267 x 70)			in (mm)

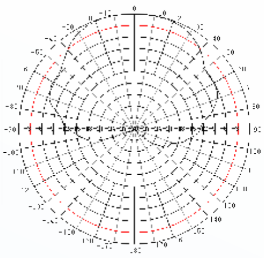
WIND LOADING	100 MPH	125 MPH	100 MPH WITH ½ IN RADIAL ICE
Force (lbs)	18.8	29.3	29.5



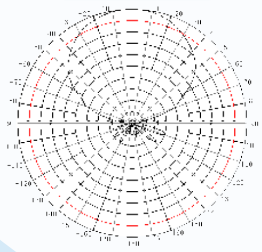
890 MHz
H-Plane



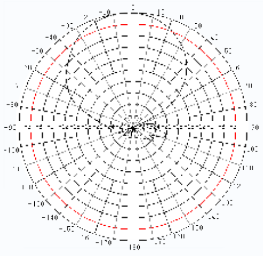
1800 MHz
H-Plane



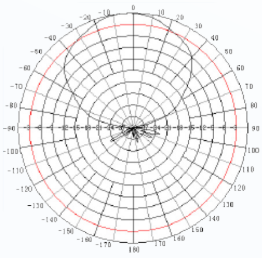
2400 MHz
H-Plane



890 MHz
E-Plane



1800 MHz
E-Plane



2400 MHz
E-Plane

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. Responsibility for the use and application of Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2011 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trade marks or registered trade marks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.