

900 TO 928 MHz NLOS SERIES GRID DISH ANTENNA

The NLOS series grid dish antenna system offered by Laird Technologies is constructed of heavy duty galvanized welded steel with light gray powder coat paint overcoat for long service life. These antennas have high gain and good front to back performance to minimize external interference. They come standard with an 18 inch pigtail cable terminated with an N female connector. Other connector types are available upon request.

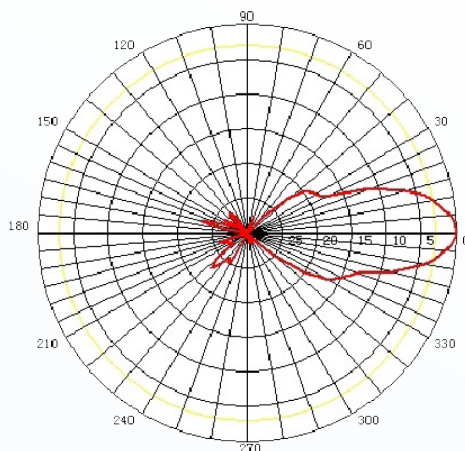
FEATURES

- High gain directional 900 MHz antenna
- Low wind loading patented wire grid design
- Vertical polarization
- 18 in pigtail with type N female connector standard

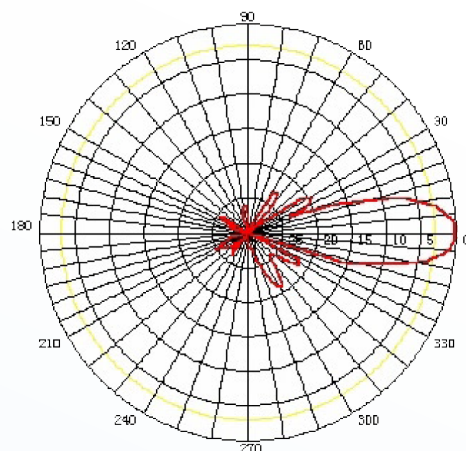
MARKETS

- 900 MHz ISM band applications
- 900 MHz backhaul applications
- Non line-of-sight applications
- Point-to-point systems
- WiMAX

ANTENNA PATTERN



E-plane at 902 MHz



H-plane at 902 MHz

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

SPECIFICATIONS

PARAMETER	
Frequency range	900-928 MHz
Input return loss (S11)	-14 dB
VSWR	1.5:1
Impedance	50 ohm
Input power	100 watts
Pole diameter (OD)	1.5 to 3 in (38 to 76 mm)
Operating temperature	-45° to +70°C
Rated wind velocity	125 mph (56 m/sec)
Gain	18 dBi
Beamwidth	16.5°
Front to back	> 30 dB
Weight	27 lbs (10 kg)
Dimension	4 ft (1.2 m)

WIND LOADING (LBS.)

MODEL	100 MPH	125 MPH	100 MPH WITH ½ IN RADIAL ICE
GD9-18	49.5 lbs	77.3 lbs	337 lbs

SYSTEM ORDERING

GD9-18 18 dBi 900 MHz grid dish antenna with N female connector

NOTES

- All shipments F.O.B. Schaumburg, IL 60173
- Laird Technologies does not supply the mounting pole.

ANT-DS-GD9-18 0611

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. 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.