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## NLOS Series Grid Dish Antenna 900 to 928 MHz Operation

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. Bracket is a standard galvanized steel L Bracket with stainless fasteners. A new super heavy duty (HD) bracket model is available for even greater stability. These antennas have high gain and good front to back performance to minimize external interference. They come standard with a 30" LMR240 pigtail cable terminated with an N Male or N Female connector. Other connector types are available upon request.

### Features and Benefits:

- High gain directional 900MHz antenna
- Low wind loading patented wire grid design
- Vertical polarization or horizontal polarization
- Rugged and waterproof
- New super HD bracket system available for greater stability

### Applications

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

For sales information:

Telephone 801-572-3024

E-Mail [sales@pacwireless.com](mailto:sales@pacwireless.com)

or visit: [www.pacwireless.com](http://www.pacwireless.com)

## Specifications

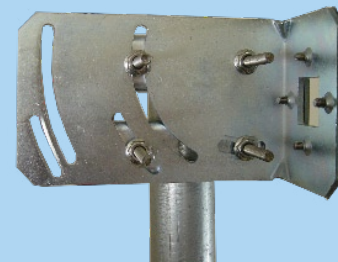
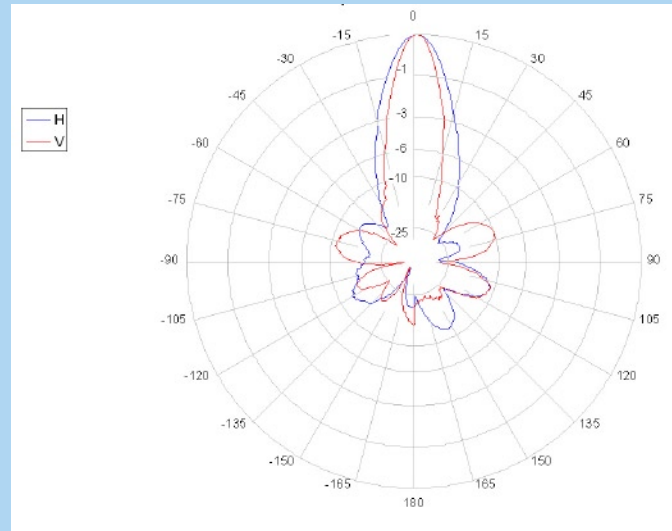
Parameter	Min	Typ	Max	Units
Frequency Range	900		928	MHz
Input Return Loss (S11)		-14		dB
VSWR		1.5:1		
Impedance		50		OHM
Input Power			100	W
Pole Diameter (OD)	1" (25)		2" (50)	Inch (mm)
Operating Temperature	-40		+70	Deg C
*Note: Mounting pole not included				
900 - 928MHz		GD9-15		
Gain	15dBi			
Beamwidth	HPOL 31 deg ; VPOL 22 deg			
Front to Back	> 10dB			
Weight	11 lbs (5kg)			
Dimension	28.5 x 36 inch (724 x 914 mm)			
Bracket Tilt	+/- 10 deg			

Wind Loading (Lbs)	
100MPH	41 Lbs
125MPH	64 Lbs
100MPH with ½: Radial Ice	257 Lbs

## System Ordering:

GD9-15-NF 15dBi NLOS Series 900MHz Grid Dish Antenna with N Female Connector

## Antenna Patterns at 902MHz



\*Super HD Bracket System Now Available.  
Add "HD" as prefix to Part Number  
Example: HDGD9-15-NF

## Notes:

- All shipments F.O.B. Schaumburg, IL 60173
- All antennas carry a 2 Year Warranty

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