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## NLOS Series Die Cast Antenna 900 to 928 MHz Operation

The NLOS Series die-cast parabolic antenna system offered by Laird Technologies is constructed of die-cast aluminum 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 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

### 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)

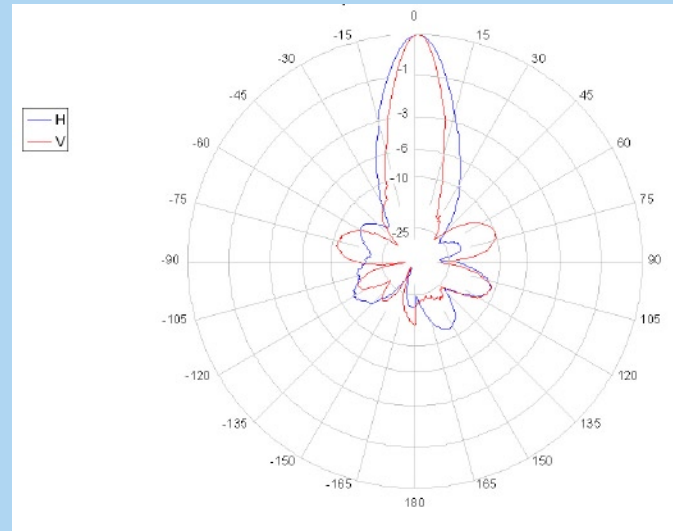
or visit: [www.pacwireless.com](http://www.pacwireless.com)

## 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		DC9-15		
Gain	15dBi			
Beamwidth	HPOL 31 deg ; VPOL 22 deg			
Front to Back	> 10dB			
Weight	5.5 lbs (2kg)			
Dimension	42 x 24 inch (107 x 61cm)			
Bracket Tilt	+/- 10 deg			

Wind Loading (Lbs)	
100MPH	80.5 Lbs
125MPH	126 Lbs

## Antenna Patterns at 902MHz



## System Ordering:

GD9-DC15-NF 15dBi NLOS Series 900MHz Die Cast Antenna with N Female Connector

## Notes:

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

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