

NLOS Series Die Cast Antenna 900 to 928 MHz Operation

Features

- 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
- Non Line of Sight Applications
- 900MHz Backhaul Applications
- Point to Point Systems



15dBi Directional Die Cast Antenna

Description

The NLOS Series Die Cast Parabolic Antenna System offered by Pacific Wireless 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.

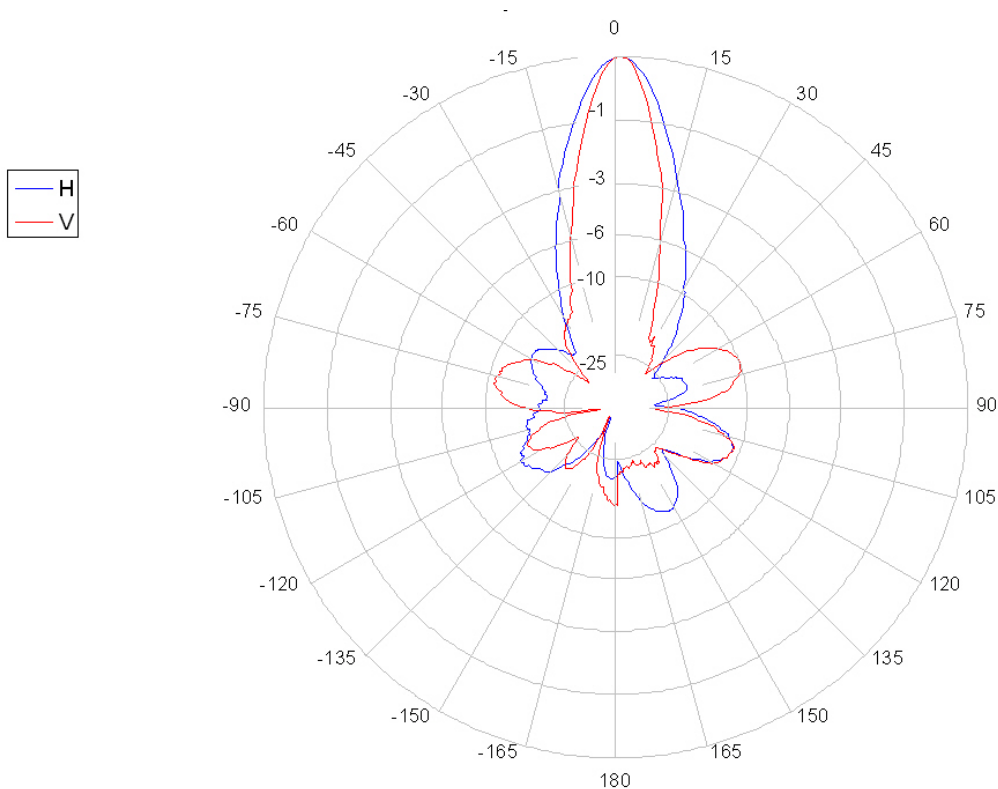
Specifications

Parameter	Min	Typ	Max	Units
<i>Frequency Range</i>	900		928	MHz
<i>Input Return Loss (S₁₁)</i>		-14		dB
<i>VSWR</i>		1.5:1		
<i>Impedance</i>		50		OHM
<i>Input Power</i>			100	W
<i>Pole Diameter (OD)</i>	1" (25)		2" (50)	Inch (mm)
<i>Operating Temperature</i>	-40		+70	Deg C

*Note: Pacific Wireless does not supply the mounting pole

900 – 928 MHZ	DC9-15
<i>Gain</i>	15dBi
<i>Beamwidth</i>	HPOL 31 deg ; VPOL 22 deg
<i>Front to Back</i>	> 10dB
<i>Weight</i>	5.5 lbs (2kg)
<i>Dimension</i>	42 x 24 inch (107 x 61cm)
<i>Bracket Tilt</i>	+/- 10 deg

Antenna Patterns at 902MHz



Notes:

- All shipments F.O.B. Bluffdale, UT 84065
- All antennas carry a 2 Year Warranty

Wind Loading	
100MPH Wind Speed	80.5 Lbs
125MPH Wind Speed	126Lbs

System Ordering:

DC9-15-NM 15dBi NLOS Series 900MHz Die Cast Antenna with N Male Connector

DC9-15-NF 15dBi NLOS Series 900MHz Die Cast Antenna with N Female Connector

For further information contact:



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