

### 900 TO 928 MHz NLOS SERIES DIE-CAST ANTENNA

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 inch LMR240 pigtail cable terminated with an N male or N female connector. Other connector types are available upon request.

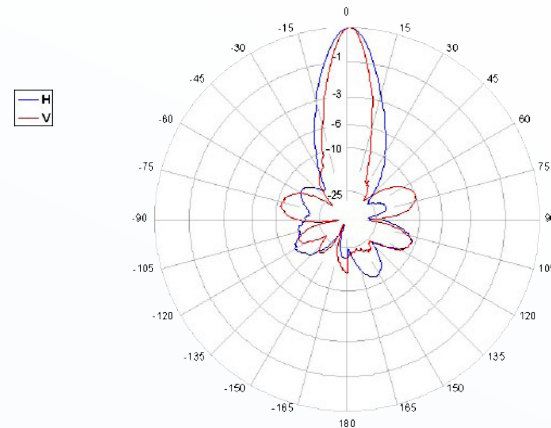
#### FEATURES

- High-gain directional 900 MHz antenna
- Low wind loading patented wire grid design
- Vertical polarization or horizontal polarization
- Rugged and waterproof

#### MARKETS

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

#### ANTENNA PATTERN



At 902 MHz

#### global solutions: local support™

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### 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 to 2 in (25 to 38 mm)
Operating temperature	-40° to +70°C
Gain	15 dBi
Beamwidth	HPOL 31° ; VPOL 22°
Front to back	> 10 dB
Weight	5.5 lbs (2 kg)
Dimension	42 x 24 in (107 x 61 cm)
Bracket tilt	+/- 10°

### WIND LOADING (LBS.)

MODEL	100 MPH	125 MPH
GD9-DC15	80.5 lbs	126 lbs

### SYSTEM ORDERING

GD9-DC15-NF      15 dBi NLOS Series 900 MHz Die Cast 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-DC15 0611

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