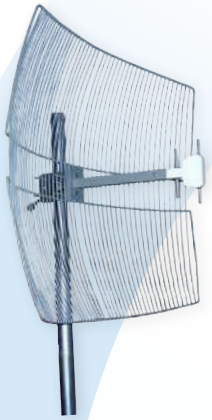
Laird TECHNOLOGIES®

Innovative **Technology** for a **Connected** World

NLOS Grid Dish Antenna
GD9-15



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

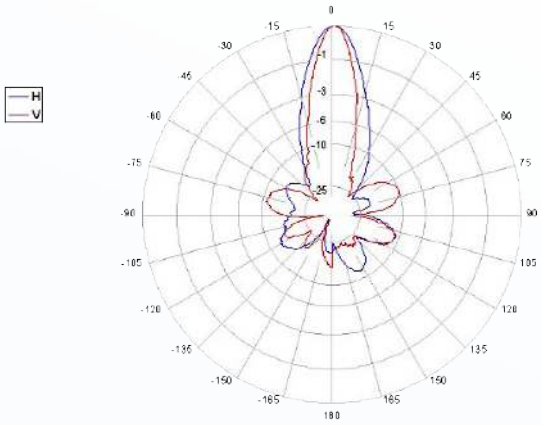
FEATURES RoHS

- High-gain directional 900 MHz 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

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	-45° to +70°C
Gain	15 dBi
Beamwidth	HPOL 31° ; VPOL 22°
Front to back	> 10 dB
Weight	11 lbs (5 kg)
Dimension	28.5 x 36 in (724 x 914 mm)
Bracket tilt	± 10°

WIND LOADING (LBS.)

MODEL	100 MPH	125 MPH	100 MPH WITH ½ IN RADIAL ICE
GD9-15	41 lbs	64 lbs	257 lbs

SYSTEM ORDERING

GD9-15-NF 15 dBi NLOS Series 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.

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