



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



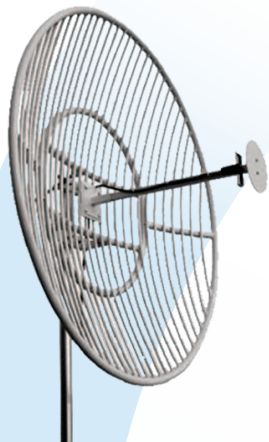
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### 900 TO 928 MHz NLOS SERIES GRID DISH ANTENNA

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. These antennas have high gain and good front to back performance to minimize external interference. They come standard with an 18 inch pigtail cable terminated with an N female connector. Other connector types are available upon request.

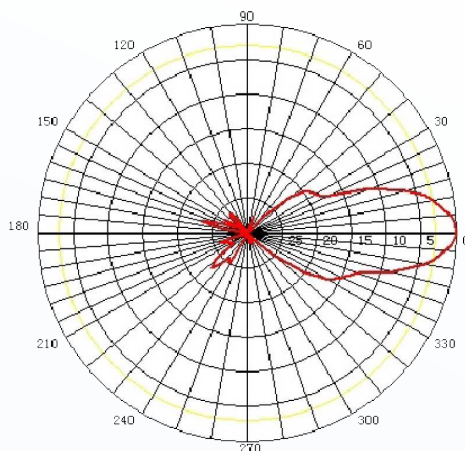
#### FEATURES

- High gain directional 900 MHz antenna
- Low wind loading patented wire grid design
- Vertical polarization
- 18 in pigtail with type N female connector standard

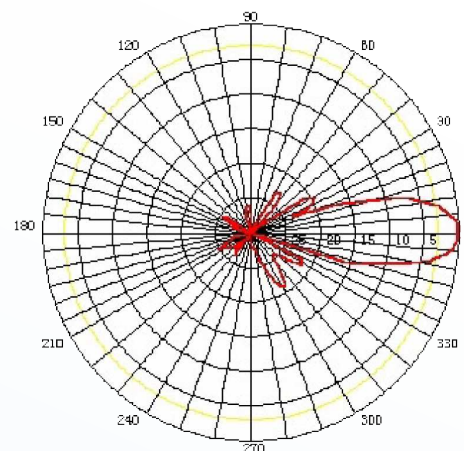
#### MARKETS

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

#### ANTENNA PATTERN



E-plane at 902 MHz



H-plane 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)	1.5 to 3 in (38 to 76 mm)
Operating temperature	-45° to +70°C
Rated wind velocity	125 mph (56 m/sec)
Gain	18 dBi
Beamwidth	16.5°
Front to back	> 30 dB
Weight	27 lbs (10 kg)
Dimension	4 ft (1.2 m)

### WIND LOADING (LBS.)

MODEL	100 MPH	125 MPH	100 MPH WITH ½ IN RADIAL ICE
GD9-18	49.5 lbs	77.3 lbs	337 lbs

### SYSTEM ORDERING

GD9-18                      18 dBi 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.

ANT-DS-GD9-18 0611

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