

# 900 MHz 15dBi Parabolic Grid Antenna

The NLOS Series Die Cast Parabolic Antenna System offered by Netkrom 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:

- 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

### Specifications:

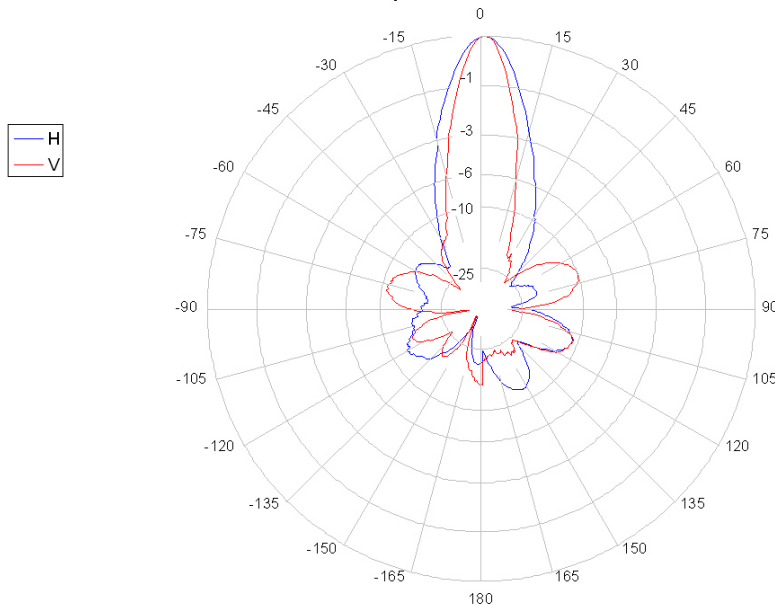
#### Electrical

Gain	15 dBi
Frequency	900 – 928 MHz
Input Return Loss	-14dB
VSWR	1.5:1
Beamwidth	HPOL 31 deg ; VPOL 22 deg
Front to Back	> 10dB
Impedance	50 OHM
Input Power	100 Watts
Polarization	Vertical or Horizontal

#### Mechanical

Dimensions (WxL)	42 x 24 inch (107 x 61cm)
Weight	5.5 Lbs (2 Kgs)
Pole Diameter (OD)	1" Inch (25 mm) 2" Inch (50 mm)
Wind Loading	100 mph, 80.5 Lbs (36.5 Kgs) 140 mph, 126 Lbs (57 Kgs)
Operation Temperature	-40 to +70 deg C
Bracket Tilt	+/- 10 deg
Connector	N-Type (female)

Antenna Pattern at 902 MHz



### Ordering Information:

- **W90-15G** 900MHz NLOS 15dBi Parabolic Grid Antenna (N Female Connector Pigtail)