

5GHz Wideband Parabolic Grid Antenna

The 5GHz Wideband parabolic grid directional antennas offered by Netkrom utilize a unique patented parabolic grid design with compact high performance feed. The antennas are constructed of welded steel wires which are galvanized and then powder coat painted with a light gray epoxy paint.

The parabolic grid design offers unsurpassed low wind loading while maintaining good RF performance. The compact low visual impact attractive styling blends well in almost any application. Mounting is simplified with the bracket system made of galvanized steel with stainless steel hardware. The antenna comes with a bulkhead N Female connector standard.



Features:

- 25dBi, and 28dBi Models Available
- Rugged and Weatherproof
- Ultra Low Wind Loading and Low Visual Impact
- Vertical or Horizontal Polarization
- Type N Female Connector

Applications:

- 4.9 to 5.850 GHz Wireless LAN Applications
- Point to Point Backhaul

Specifications:

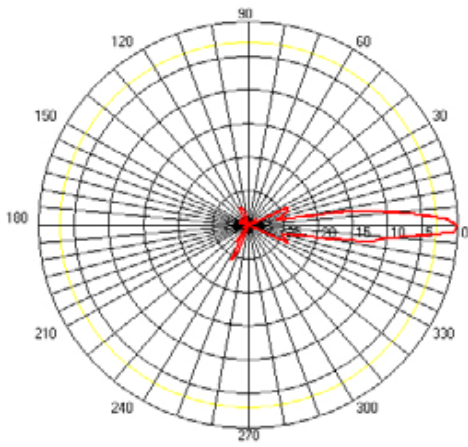
Product code	W5G-25G	W5G-28G
Electrical		
Gain	25 dBi	28 dBi
Frequency	4.940 to 5.850 GHz	4.940 to 5.850 GHz
VSWR	1.5:1	1.5:1
Front /Back ratio	30 dB	25 dB
Max. Input Power	100 Watts	100 Watts
Horizontal Beamwidth	6 deg	4 deg
Vertical Beamwidth	6 deg	5 deg
Impedance	50 ohms	50 ohms
Connector	N-Type (female)	N-Type (female)
Polarization	Horizontal or Vertical	Horizontal or Vertical
Mechanical		
Dimensions (WxL)	16.8" x 24" (427 x 610) In (mm)	28.5 x 36" (724 x 914) In (mm)
Wind loading	125 mph, 31	125 mph, 64
Weight	6 (2.7) Lbs. (kg)	11 (5) Lbs. (kg)
Bracket Tilt	+/-45 deg	+/-45 deg
Operation Temperature	-40 to +70 deg C	-40 to +70 deg C

Ordering Information:

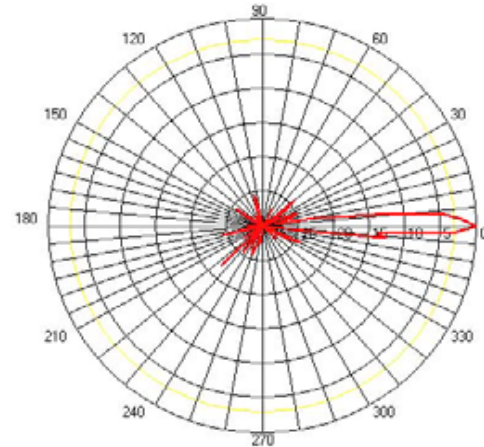
- **W5G-25G** 4.9 to 5.8GHz Wideband 25dBi Parabolic Grid Antenna (N Female Connector Pigtail)
- **W5G-28G** 4.9 to 5.8GHz Wideband 28dBi Parabolic Grid Antenna (N Female Connector Pigtail)



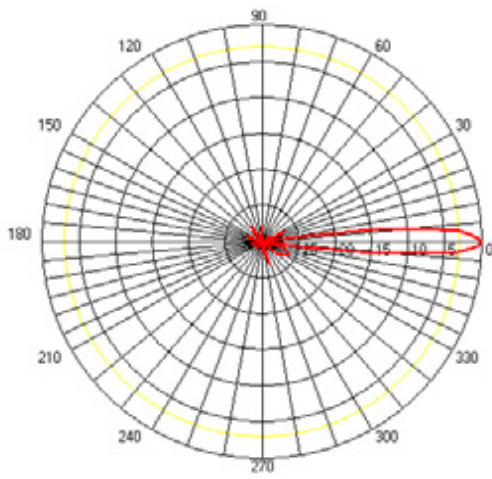
Antenna Patterns @ 5.3GHz



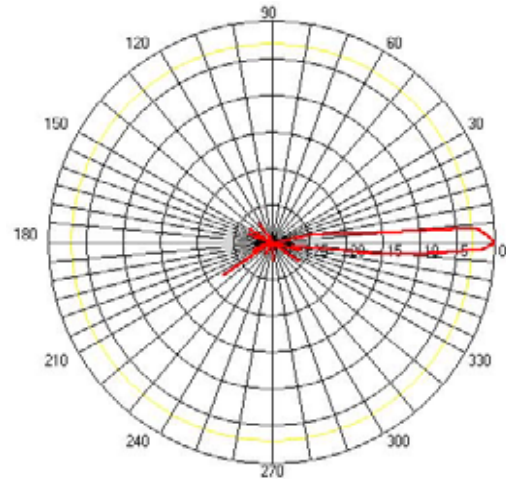
W5G-25G HPOL



W5G-28G HPOL



W5G-25G VPOL



W5G-28G VPOL