



Wide Band Grid Dish Parabolic Antenna

4940 to 5850 MHz Operation

Features

- Ultra Wide Band Operation 4940-5850MHz
- 21dBi , 25dBi and 28dBi Models Available
- Rugged and Weatherproof
- Ultra Low Wind Loading and Low Visual Impact
- Vertical or Horizontal Polarization
- 30" Pigtail with Type N Female Connector
- 28dBi Model Includes Super Heavy Duty Bracket for greater stability



GD5W-25 VPOL

Applications

- 5GHz Wireless LAN Applications
- 4.9GHz Public Safety Applications
- Point to Point Backhaul
- 802.11a Clients

Description

The 5GHz wide band parabolic grid directional antennas offered by Pacific Wireless 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 wire grid semi-parabolic 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 Pacific Wireless bracket system made of galvanized steel with stainless steel hardware. The 28dBi model comes with a super heavy duty bracket system to give even greater stability in high winds. The feed has a 30inch pigtail and N Female connector standard. Other connectors are available upon special request.

Specifications

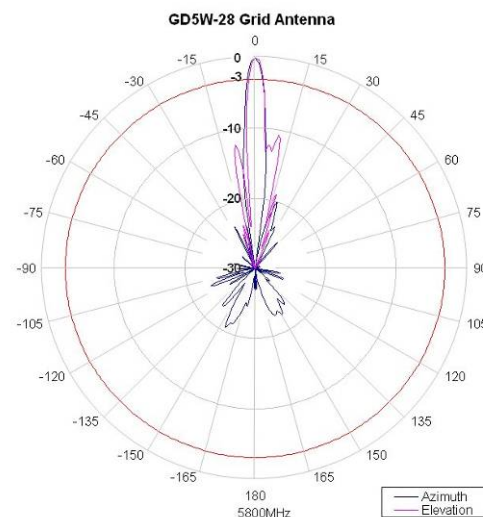
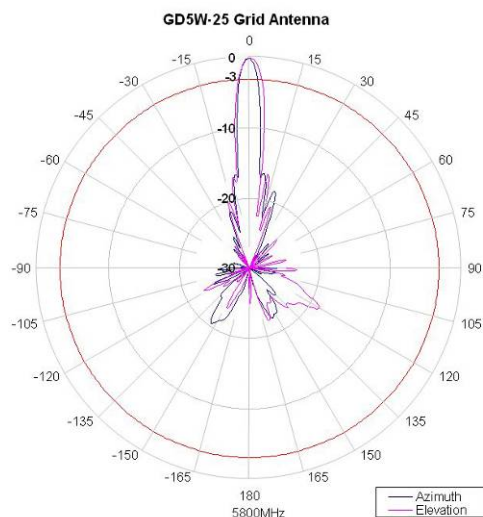
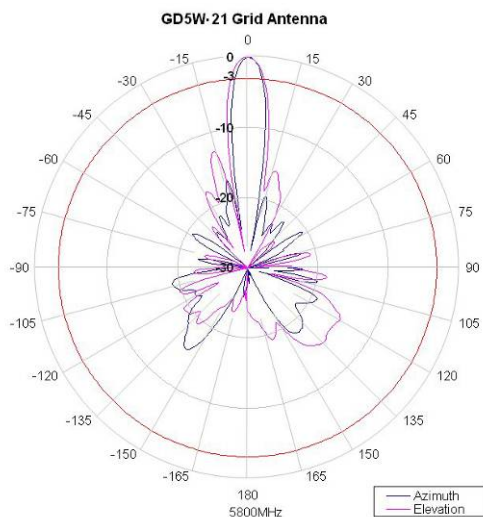
Parameter	Model	Min	Typ	Max	Units
Frequency Range	GD5W	4940		5850	MHz
Gain	GD5W-21 GD5W-25 GD5W-28		21 25 28		dBi
Horizontal Beamwidth	GD5W-21 GD5W-25 GD5W-28		10 6 4		Deg
Vertical Beamwidth	GD5W-21 GD5W-25 GD5W-28		11 6 5		Deg
Front to Back	GD5W-21 GD5W-25 GD5W-28	18 20 25			dB
VSWR			1.5:1		
Impedance			50		OHM
Input Power				100	W
Operating Temp		-40		+70	Deg C
Pole Size		1" (25)		2" (50)	In (mm)
Weight	GD5W-21		3 (1.4)		Lbs. (kg)



Parameter	Model	Min	Typ	Max	Units
	GD5W-25 GD5W-28		6 (2.7) 11 (5)		
Dimension (W x L)	GD5W-21 GD5W-25 GD5W-28	11.8" x 15.7" (300 x 400) 16.8" x 24" (427 x 610) 28.5 x 36" (724 x 914)			In (mm)
Bracket Tilt			+/-45		Deg

Wind Loading	100 MPH	125 MPH	100MPH with ½" Radial Ice
GD5W-21	10	15.6	48
GD5W-25	20	31	99
GD5W-28	41	64	257

Antenna Patterns @ 5.8GHz



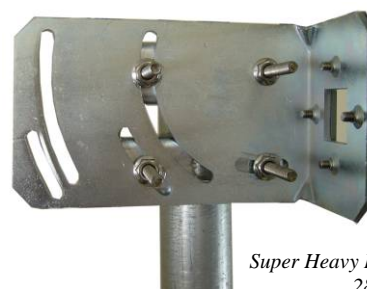
System Ordering: GD5W-□□P - □□

Antenna Gain

- 21 – 21dBi
- 25 – 25dBi
- 28 – 28dBi

Connector Type

- NF – N Female
- NM – N Male (special order only)



Super Heavy Duty Bracket for 28dBi

For further information contact:



Pacific Wireless

www.wlanparts.com