



Pacific Wireless
 693 E Draper Heights Way Suite 210
 Draper, UT 84020
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 www.pacwireless.com

New Product

GD58
DATA SHEET

Grid Dish Parabolic Antenna 5725 to 5825 MHz Operation

Features

- 22dBi and 26dBi models Available
- Rugged and Weatherproof
- Ultra Low Wind Loading and Low Visual Impact
- Vertical or Horizontal Polarization
- Type N Female Connector



GD58-22 VPOL

Applications

- 5.8GHz Wireless LAN Applications
- Point to Point Backhaul

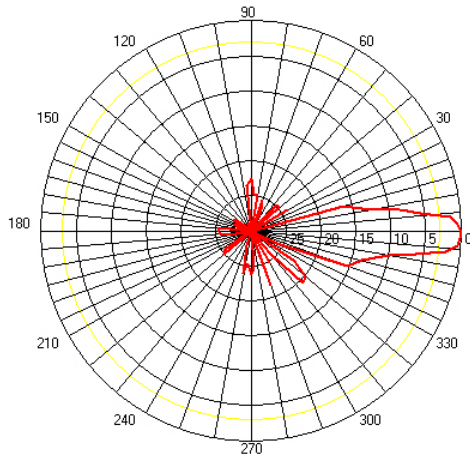
Description

The 5.8GHz parabolic grid directional antennas offered by Pacific Wireless utilize a unique 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 antenna comes with a bulkhead N Female connector standard.

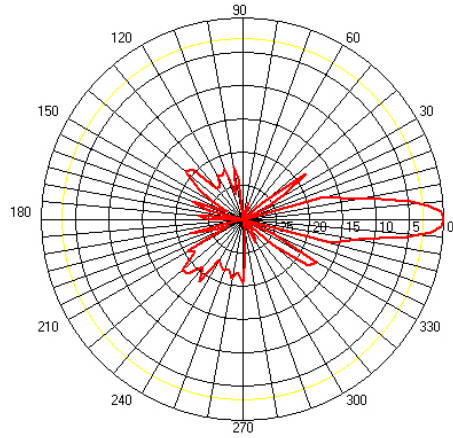
Specifications

Parameter	Model	Min	Typ	Max	Units
<i>Frequency Range</i>		5725		5825	MHz
<i>Gain</i>	GD58-22 GD58-26		22 26		dBi
<i>Horizontal Beamwidth</i>	GD58-22 GD58-26		10 6		Deg
<i>Vertical Beamwidth</i>	GD58-22 GD58-26		11 6		Deg
<i>Front to Back</i>	GD58-22 GD58-26	25 30			dB
<i>Input Return Loss (S₁₁)</i>			-14		dB
<i>VSWR</i>			1.5:1		
<i>Impedance</i>			50		OHM
<i>Input Power</i>				100	W
<i>Operating Temperature</i>		-40		+70	Deg C
<i>Pole Size</i>		1" (25)		2" (50)	In (mm)
<i>Weight</i>	GD58-22 GD58-26	3 (1.4) 6 (2.7)			Lbs. (kg)
<i>Dimension (W x L)</i>	GD58-22 GD58-26	11.8" x 15.7" (300 x 400) 16.8" x 24" (427 x 610)			In (mm)
<i>Bracket Tilt</i>		45			Deg

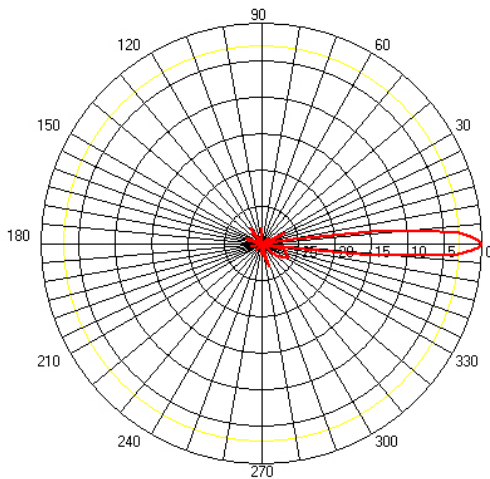
Antenna Patterns @ 5.8GHz



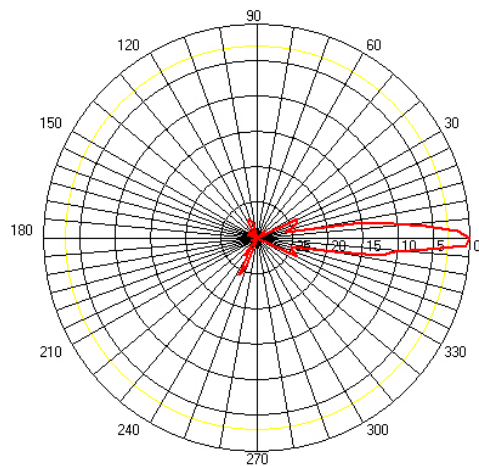
GD58-22 VPOL



GD58-22 HPOL



GD58-26 VPOL



GD58-26 HPOL

Notes:

- All shipments F.O.B. Bluffdale, UT 84065
- All antennas carry a 2 Year Warranty

System Ordering:

- GD58-22** 5.8GHz 22dBi Directional Antenna
- GD58-26** 5.8GHz 26dBi Directional Antenna

For further information contact:



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