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Grid Dish Parabolic Antenna 5150 to 5850 MHz Operation

The 5GHz parabolic grid directional antennas offered by Laird Technologies 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 Laird Technologies bracket system made of galvanized steel with stainless steel hardware. The antenna comes with a bulkhead N Female connector standard.

Features and Benefits:

- 22dBi , 26dBi and 29dBi Models Available
- Rugged and Weatherproof
- Ultra Low Wind Loading and Low Visual Impact
- Vertical or Horizontal Polarization
- Type N Female Connector
- Super HD Bracket models available for greater stability

Applications

- 5GHz wireless LAN applications
- Point to point backhaul

For sales information:

Telephone 801-572-3024

E-Mail sales@pacwireless.com

or visit: www.pacwireless.com

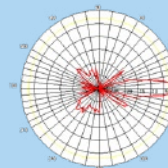
Specifications

Parameter	Model	Min	Typ	Max	Units
Frequency Range	GD58 GD57 GD53	5725 5470 5150		5850 5725 5350	MHz
Gain	GD58-22 GD58-26 GD58-29 GD5x-21 GD5x-25 GD5x-28		22 26 29 21 25 28		dBi
Horizontal Beamwidth	GD5x-22/21 GD5x-26/25 GD5x-29/28		10 6 4		Deg
Vertical Beamwidth	GD5x-22/21 GD5x-26/25 GD5x-29/28		11 6 5		Deg
Front to Back	GD5x-22/21 GD5x-26/25 GD5x-29/28	25 30 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	GD5x-22/21 GD5x-26/25 GD5x-29/28		3 (1.4) 6 (2.7) 11 (5)		Lbs. (kg)
Dimension (W x L)	GD5x-22/21 GD5x-26/25 GD5x-29/28		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

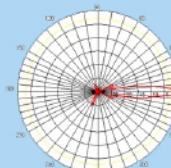
Wind Loading (Lbs.)

Model	100 MPH	125 MPH	100MPH with ½" Radial Ice
GD58-22	10	15.6	48
GD58-26	20	31	99
GD58-29	41	64	257

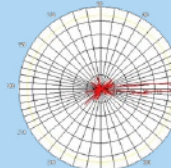
Antenna Patterns



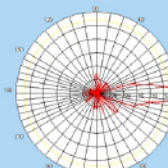
GD58-22 HPOL



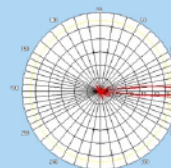
GD58-26 HPOL



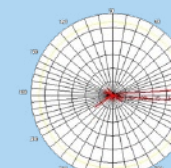
GD58-29 HPOL



GD58-22 VPOL



GD58-26 VPOL



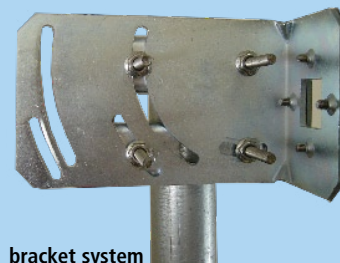
GD58-29 VPOL

System Ordering:

- GD58-22 5.7-5.8GHz 22dBi directional antenna
- GD58-26 5.7-5.8GHz 26dBi directional antenna *
- GD58-29 5.7-5.8GHz 29dBi directional antenna *
- GD57-21 5.4-5.7GHz 21dBi directional antenna
- GD57-25 5.4-5.7GHz 25dBi directional antenna *
- GD57-28 5.4-5.7GHz 28dBi directional antenna *
- GD53-21 5.1-5.3GHz 21dBi directional antenna
- GD53-25 5.1-5.3GHz 25dBi directional antenna *
- GD53-28 5.1-5.3GHz 28dBi directional antenna *

*Super HD bracket system now available for large and medium grid.
Add "HD" as prefix to part number

Example: HDGD58-29



Super HD bracket system

Notes:

- All shipments F.O.B. Schaumburg, IL 60173
- All antennas carry a 2 Year Warranty

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