

global solutions :
local support™

Wide Band Grid Dish Parabolic Antenna 4940 to 5850 MHz Operation

The 5GHz wide band parabolic grid directional antennas offered by Laird Technologies utilize a unique patented parabolic grid design with compact patented 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 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.

Features and Benefits:

- 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

Applications

- 5GHz wireless LAN applications
- 4.9GHz public safety applications
- Point to point backhaul
- 802.11a clients

For sales information:

Telephone 800-323-3757

E-Mail sales@pacwireless.com

or visit: www.pacwireless.com

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 GD5W-25 GD5W-28		3 (1.4) 6 (2.7) 11 (5)		Lbs. (kg)
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 (Lbs.)

Model	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

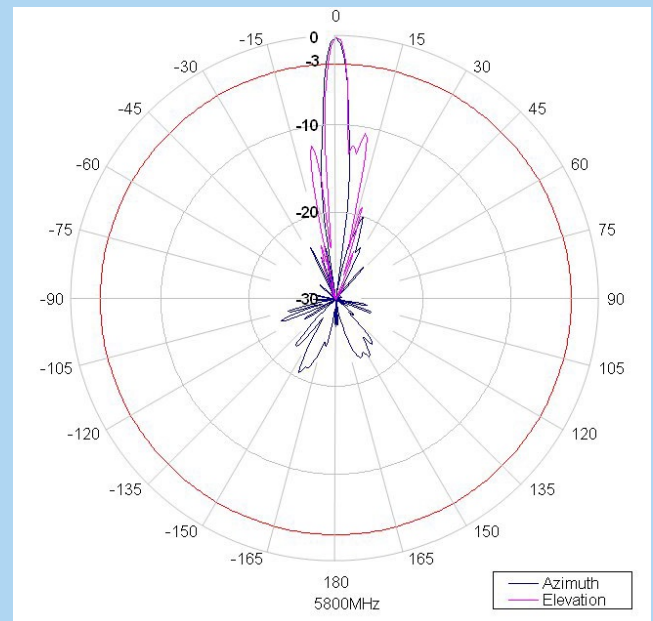
Notes:

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

Any information furnished by Laird Technologies and its agents is believed to be accurate and reliable. Responsibility for the use and application of Laird Technologies materials rests with the end user since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability, or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies domestic terms and conditions of sale in effect from time to time, a copy of which will be furnished upon request.

Specifications subject to change without notice.

Antenna Patterns



GD5W-28P-NF

System Ordering:

- GD5W-21P-NF 4940 to 5850MHz 21dBi wide band grid antenna
- GD5W-25P-NF 4940 to 5850MHz 25dBi wide band grid antenna
- GD5W-28P-NF 4940 to 5850MHz 28dBi wide band grid antenna

