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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 801-572-3024

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 |

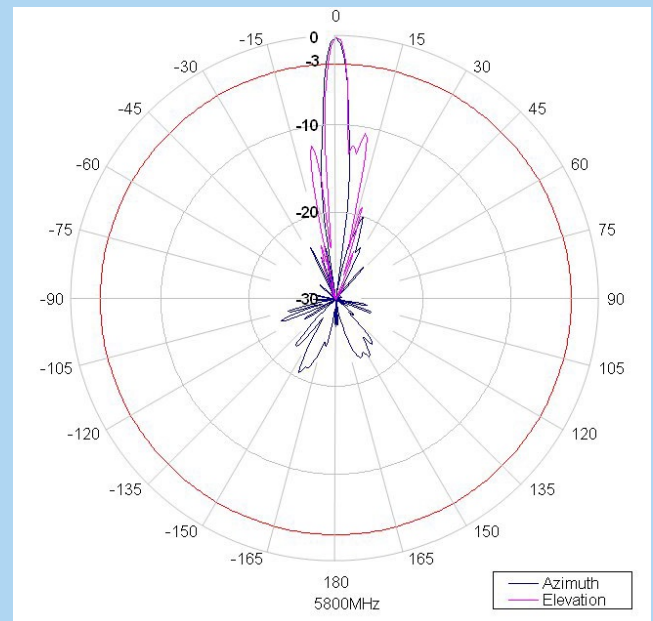
Notes:

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

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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

