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Echo Series® Directional Antenna 5470 to 5850 MHz Operation

The 5GHz Echo Series® directional antennas by Laird Technologies offer high gain in a low profile package. They offer superb performance over a large operating frequency range. The antennas are constructed of a gray color UV resistant ABS plastic radome with an aluminum backplate. The antenna can be used in horizontal or vertical polarization. The galvanized bracket affords +/- 45 deg up or down tilt adjustment and the stainless steel hardware assures a long service life. The compact low visual impact attractive styling blends well in almost any application. The antenna comes with an integral N female connector standard.

Features and Benefits:

- High gain / low profile
- Wide band operation – 5.4 to 5.8 GHz
- Rugged and weatherproof
- Low wind loading and low visual impact
- Vertical or horizontal polarization
- Type N female connector

Applications

- 5GHz wireless LAN applications
- Client antennas
- Point to point links
- Point to multipoint systems

For sales information:

Telephone 800-323-3757

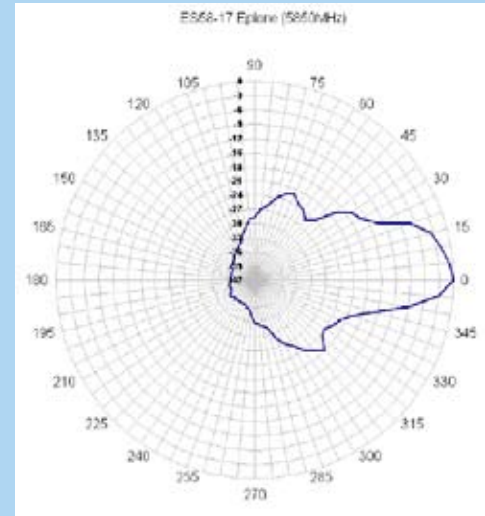
E-Mail sales@pacwireless.com

or visit: www.pacwireless.com

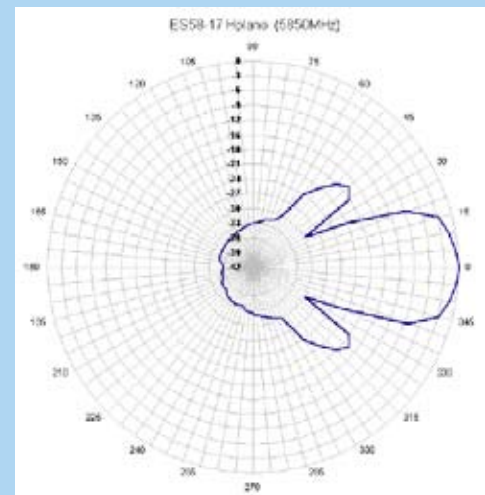
Specifications

| Parameter | Min | Typ | Max | Units |
|-------------------------|---------------------|-------|---------|---------|
| Frequency Range | 5470 | | 5850 | MHz |
| Gain | | 17 | | dBi |
| Horizontal Beamwidth | | 25 | | Deg |
| Vertical Beamwidth | | 25 | | Deg |
| Front to Back | 30 | | | dB |
| Input Return Loss (S11) | | -14 | | dB |
| VSWR | | 1.5:1 | | |
| Impedance | | 50 | | OHM |
| Input Power | | | 50 | W |
| Operating Temperature | -40 | | +70 | Deg C |
| Pole Size | 1" (25) | | 2" (50) | In (mm) |
| Weight | 20 (567) | | | oz (g) |
| Dimension (Dia x Depth) | 10" x 2.5" (254x63) | | | In (mm) |
| Bracket Tilt | 45 | | | Deg |

Antenna Patterns



E-Plane



H-Plane

System Ordering:

ES58-17 5GHz wideband 17dBi echo series® directional antenna

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.



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