



5725 TO 5850 MHz ECHO SERIES® DIRECTIONAL ANTENNA

The 5 GHz 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° 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.

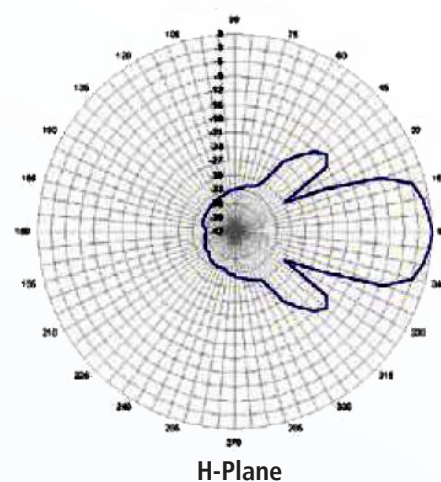
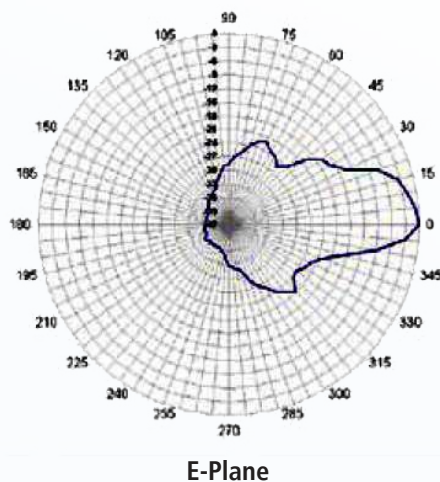
FEATURES

- High gain / low profile
- Wide band operation – 5.7 to 5.8 GHz
- Rugged and weatherproof
- Low end loading and low visual impact
- Vertical or horizontal polarization
- Type N female connector

MARKETS

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

ANTENNA PATTERNS



global solutions: local support.™

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SPECIFICATIONS

PARAMETER	
Frequency range	5725-5850 MHz
Gain	17 dBi
Horizontal beamwidth	25°
Vertical beamwidth	25°
Front to back	30 dB
Input return loss (S11)	-14 dB
VSWR	1.5:1
Impedance	50 ohm
Input power	50 watts
Operating temperature	-40° to +70°C
Pole diameter (OD)	1 to 2 in (25 to 51 mm)
Weight	20 oz (467 g)
Dimension (diameter)	10 x 2.5 in (254 x 63 mm)
Bracket tilt	45°

SYSTEM ORDERING

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

NOTES

- All shipments F.O.B. Schaumburg, IL 60173

ANT-DS-ES58-17 0611

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