Laird™

Smart Technology. Delivered.

Flat Panel Antenna

PA35-13



3400 TO 3600 MHz OPERATION FLAT PANEL ANTENNA

The 3.5 GHz Flat Panel Directional antennas by Laird offer high gain in a thin low profile package. 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 die cast aluminum bracket affords ±45° up or down tilt adjustment and the stainless steel hardware assures a long service life. The antenna can be surface mounted or pole mounted. The antenna comes with an integral N female connector standard.

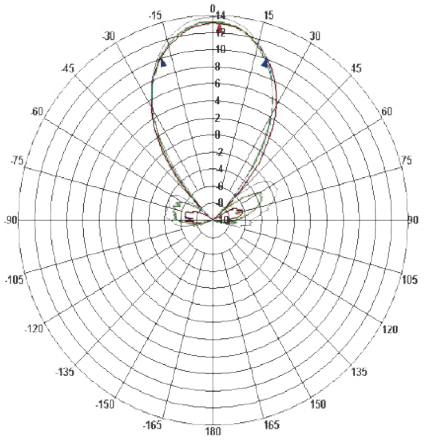
FEATURES RoHS

- High gain/low profile
- Pole mount or surface mount
- Rugged and weatherproof
- Vertical or horizontal polarization
- Type N female connector

MARKETS

- 3.5 GHz wireless LAN applications
- Client antennas
- WiMAX

ANTENNA PATTERNS



Americas: +1.847 839.6927
IAS-AmericasEastSales@lairdtech.com

Europe: +44.1628.858941
IAS-EUSales@lairdtech.com

Asia: +86.21.5855.0827.127
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

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SPECIFICATIONS

PARAMETER	MIN	TYP	MAX	UNITS
Frequency Range	3400		3600	MHz
Gain		13		dBi
Horizontal Beamwidth		35		Deg
Vertical Beamwidth		35		Deg
Front to Back	20			dB
Cross Polarization	20			dB
VSWR		1.5:1		
Impedance		50		OHM
Input Power			100	W
Operating Temperature	-40		+70	°C
Pole Size	1 (25)		2.5 (64)	in (mm)
Weight		17.6 (0.5)		oz (kg)
Dimension (L x W x Thick)		7.5 x 7.5 x 0.8 (190 x 190 x 20)		in (mm)
Bracket Tilt		45		Deg

WIND LOADING (LBS.)

MODEL	SQ. IN	100 MPH	125 MPH	100 MPH WITH ½ IN RADIAL ICE
PA35-13	56	14 lbs	22 lbs	14 lbs

SYSTEM ORDERING INFORMATION

PA35-13	3.4 to 3.6 GHz 13 dBi Flat Panel Directional Antenna

NOTES

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



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