Innovative **Technology** for a **Connected** World

Directional Flat Panel Antenna
PA9-12

900 MHz 12 dBi FLAT PANEL ANTENNA

The PA9-12 flat panel directional antenna by Laird Technologies offers high-gain in a thin, low-profile package. The antenna is constructed of an off white color UV resistant ASA plastic radome with an aluminum backplate. The antenna can be used in horizontal or vertical polarization. The heavy duty pole mount bracket allows 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 PA9-12 comes with an integral N female connector standard.

FEATURES ✓RoHS

- High gain / low profile
- Pole mount or surface mount
- Rugged IP67 rated weatherproof construction
- Vertical or horizontal polarization

MARKETS

- 900 MHz wireless LAN applications
- WISP client antennas
- RFID applications
- OEM wireless data
- Transport terminals
- WiMAX

PARAMETER	SPECIFICATION
Part Number	PA9-12
Frequency	902-928 MHz
Gain	12 dBi
3 dB Beamwidth-Azimuth	40°
3 dB Beamwidth-Elevation	55°
Polarization	Linear Vertical
VSWR	1.5:1
RF Connector	Type N (f)
Power Rating	10 W
Dimensions	16.2 x 14.7 x 1.4 in (411 x 373 x 36 mm)
Weight	1.36 kg
Operational Temperature	-30°C to +70°C
Mount Style	Surface / Mast
Pole Size	1 to 2.5 in (25 to 64 mm)
RoHS	Compliant

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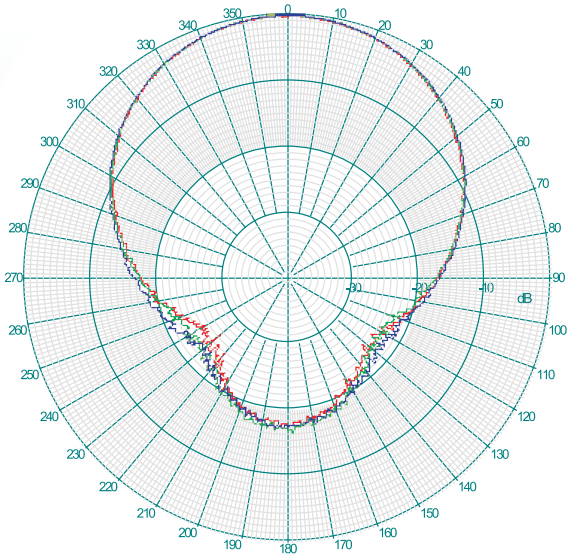
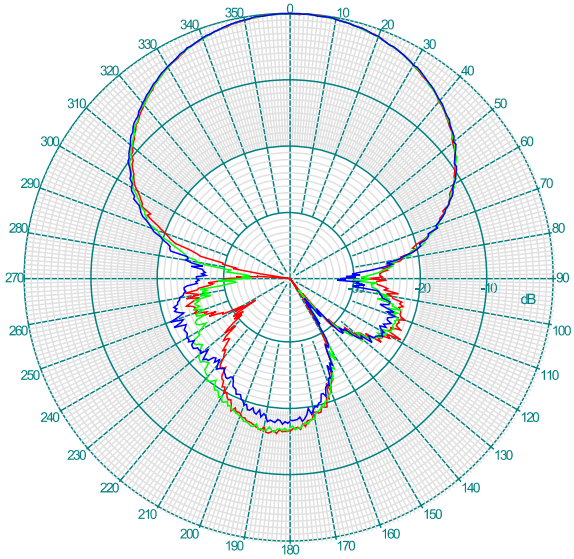
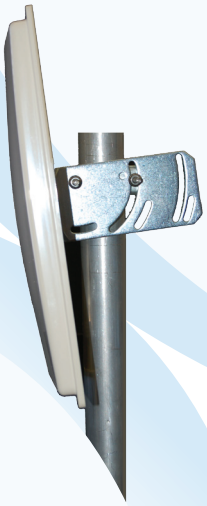
HORIZONTAL PLANE



ELEVATION PLANE



902 MHz **915 MHz** **928 MHz**



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