



900 MHz 12 dBi FLAT PANEL ANTENNA

The PA9-12 flat panel directional antenna by Laird 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

- 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

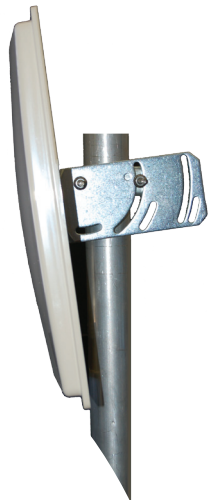
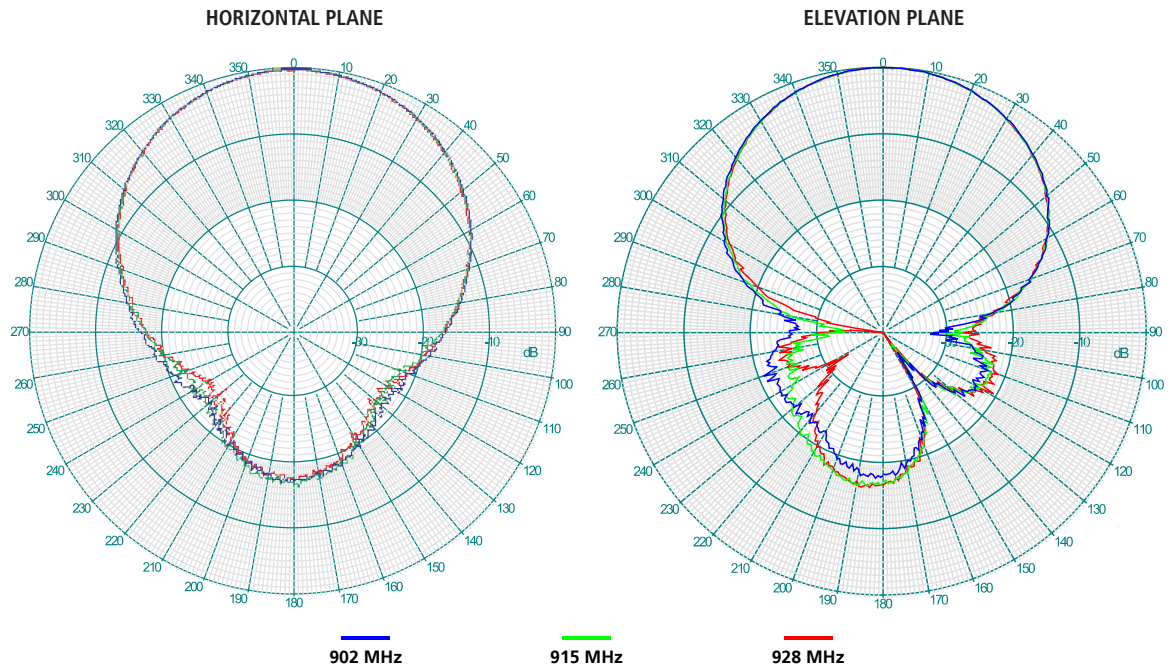
Americas: +1.847 839.6907
IAS-AmericasEastSales@lairdtech.com

Europe: +44.1628.858941
IAS-EUSales@lairdtech.com

Asia: +86.21.5855.0827.127
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

Directional Flat Panel Antenna PA9-12



ANT-DS-PA9-12 1015

Any information furnished by Laird Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird materials rests with the end user, since Laird and its agents cannot be aware of all potential uses. Laird makes no warranties as to the fitness, merchantability or suitability of any Laird materials or products for any specific or general uses. Laird shall not be liable for incidental or consequential damages of any kind. All Laird products are sold pursuant to the Laird Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2015 Laird Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Logo, and other marks are trademarks or registered trademarks of Laird Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird or any third party intellectual property rights.