

# Linear Polarity RFID Panel Antenna

## PAV90209H



### 902-928 MHz 9 dBi LINEAR POLARITY PANEL

The Laird PAV90209H antenna is a linearly polarized panel antenna that provides reception and transmission of signals in the 902-928 MHz frequency band. Laird's industry-renowned design methodology achieves maximum efficiency and performance across the entire frequency band.

Both VSWR and efficiency are excellent and allow the user to achieve the maximum performance for an antenna of this type. The antenna is housed in a heavy duty radome enclosure that can be directly wall mounted. An optional articulating mount allows either wall or mast mounting. The antenna is offered with an integrated fixed connector with a variety of connector types or with coax cable.

#### FEATURES

- Low profile
- Extremely low VSWR and high efficiency
- Weather and UV resistant radome
- Wide range of connector options
- IP67 Enclosure

#### APPLICATIONS

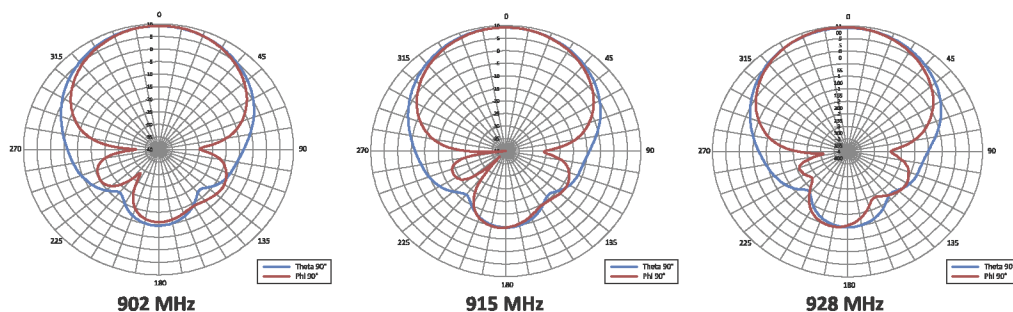
- Warehouse
- Distribution center
- Airports and hospitals
- Transit terminals
- Conveyor belt

SPECIFICATIONS	
Antenna Part Number	PAV90209H
Frequency Range	902 - 928 MHz
Gain	9 dBi
Maximum VSWR	1.3:1
3 dB Beamwidth - Azimuth	70°
Front to Back Ratio	18 dB
Polarization	Linear
Maximum Input Power	10 Watts
Input Impedance	50 Ohms
Weight	2.3 lbs (1.04 Kg)
Mechanical Size	10.2" x 10.2" x 1.32"
Antenna Connection	Fixed, Type N Female / Coax Pigtail, N Male
Radome	High Strength PC
Mount Style	Threaded Stud
Temperature Operational	-40°C to +85°C
Temperature Storage	-40°C to +85°C
Ingress Protection	(Fixed N) IP67/(Pigtail) IP54
Lightning Protection	DC Grounded

# Linear Polarity RFID Panel Antenna

## PAV90209H

### ANTENNA PATTERNS



### ORDERING GUIDE

PART NO.	SPECIFICATIONS
PAV90209H-91NM	902-928 MHz panel, Linear, 9 dBi, 91 cm, N Male
PAV90209H-FNF	902-928 MHz panel, Linear, 9 dBi, Fixed, Type N Female

ANT-DS-PAV90209H 0515

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 trade marks or registered trade marks 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.

 **atlasRFIDstore.com**

1.888.238.1155 • Inside USA

1.205.383.2244 • Outside USA

info@atlasRFIDstore.com • www.atlasRFIDstore.com