



Smart Technology. Delivered.

# 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 reliable reception and transmission in the 902-928 MHz frequency range and Laird industry-renowned design and performance. It is a high-performance antenna that is suitable for use in a wide range of applications.

Both VSWR and efficiency are excellent and allow the antenna to be used in a wide range of applications. The antenna is designed in a rugged, weather-resistant enclosure to provide reliable performance in a wide range of environments. The antenna is available in a variety of connector options to suit your requirements.

### 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

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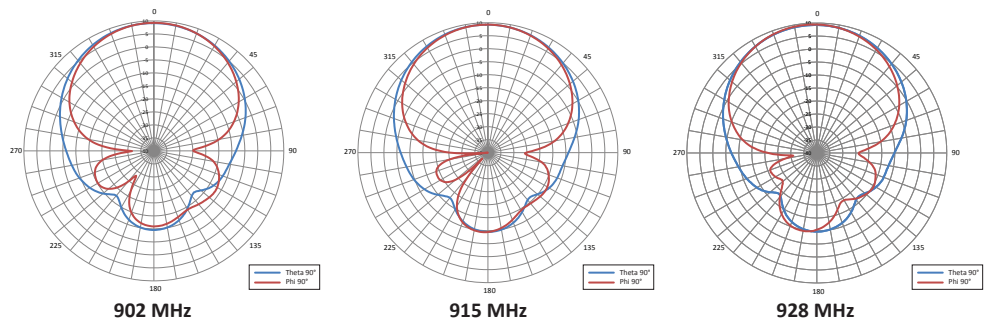
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### SPECIFICATIONS

Antenna Part Number	PAV90209H
Frequency Range	902 - 928 MHz
Gain	9 dBi
Maxium VSWR	1.3:1
3 dB Beamwidth - Azimuth	70°
Front to Back Ratio	18 dB
Polarization	Linear
Maxium Input Power	10 Watts
Input Impedence	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

### 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

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