



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

# Circular Polarity RFID Panel Antenna

## PAL90209H PAR90209H



### 902-928 MHz 9 dBiC CIRCULAR POLARITY PANEL

The Laird Technologies' PAL90209H antenna is a circularly polarized panel antenna that provides reception and transmission of signals in the 902-928 MHz frequency band. Laird Technologies' industry-renowned design methodology achieves maximum efficiency and performance across the entire frequency band.

Both VSWR and axial ratios 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.

#### FEATURES

- Low profile
- Extremely low VSWR and axial ratio
- Weather and UV resistant radome
- Wide range of connector options
- Left hand and right hand CP versions
- IP67 Enclosure

#### APPLICATIONS

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

**global solutions: local support™**

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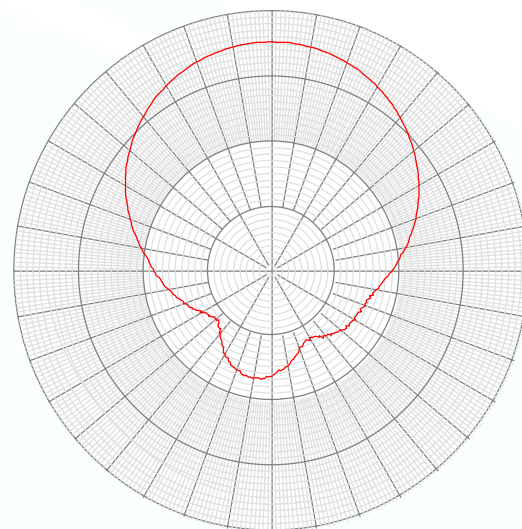
[www.lairdtech.com](http://www.lairdtech.com)

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## PAL90209H PAR90209H

### SPECIFICATIONS

Antenna Part Number	PAL90209H PAR90209H
Frequency Range	902 - 928 MHz
Gain	9 dBic
Maxium VSWR	1.3:1
3 dB Beamwidth - Azimuth	70°
Front to Back Ratio	20 dB
Polarization	Circular Right or Left
Maxium Input Power	10 Watts
Input Impedence	50 Ohms
Axial Ratio	1dB Typical
Weight (Kg)	2.3 lbs (1.04)
Mechanical Size	10.2" x 10.2" x 1.32"
Antenna Connection	Fixed, Type N Female
Radome	High Strength PC
Mount Style	Threaded Stud
Temperature Operational	-25°C to +70°C
Lightning Protection	DC Grounded
Environmental Rating	IP 67



915 MHz

ANT-DS-PAL90209H PAR90209H 0812

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