



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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 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
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

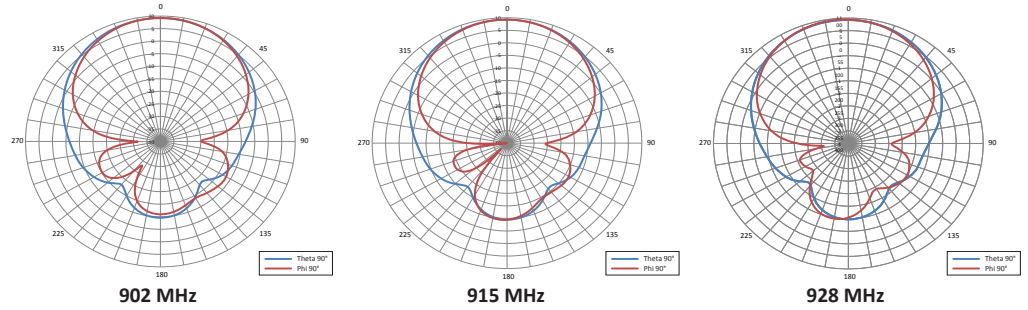
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ANTENNA PATTERNS



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

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