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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 |

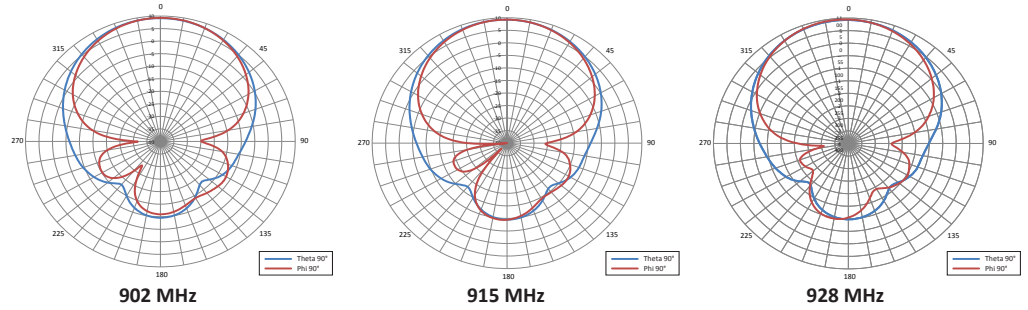
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ANTENNA PATTERNS



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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