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Circular Polarity RFID Panel Antenna

S9028PCL S9028PCR



902-928 MHz 9 dBic CIRCULAR POLARITY PANEL

The Laird S9028PCL antenna is a circularly 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 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 coax pigtail and a variety of connector types are available.

FEATURES

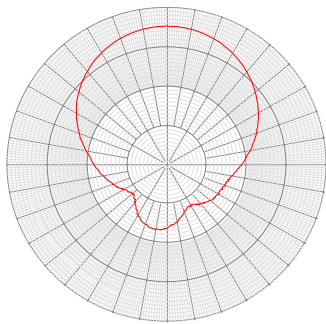
- Low profile
- Extremely low VSWR and axial ratio
- Weather and UV resistant radome
- Wide range of connector and cable options
- Left hand and right hand CP versions

APPLICATIONS

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

SPECIFICATIONS

| | |
|--------------------------|-----------------------------------------------|
| Antenna Part Number | S9028PCL / S9028PCR |
| 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 | Coax Pigtail, Rev TNC Male (others available) |
| Radome | High Strength PC |
| Mount Style | Threaded Stud |
| Temperature Operational | -25°C to +70°C |
| Lightning Protection | DC Grounded |
| Environmental Rating | IP 54 |



915 MHz

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