Laird TECHNOLOGIES

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

Circular Polarity RFID Panel Antenna

S9028PCL S9028PCR

902-928 MHz 9 dBic CIRCULAR POLARITY PANEL

The Laird Technologies' S9028PCL 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 coax pigtail and a variety of connector types are available.

FEATURES RoHS

- 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

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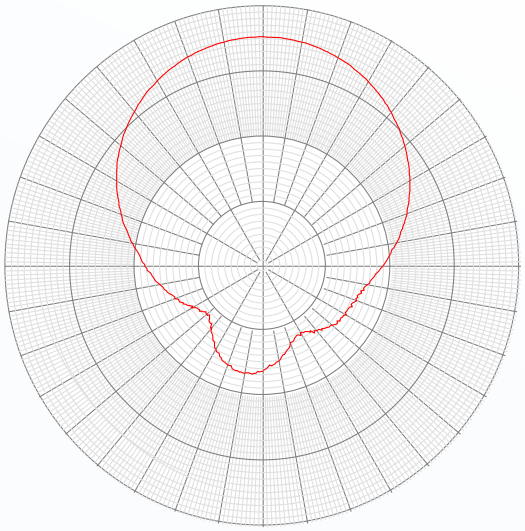
SPECIFICATIONS	
Antenna Part Number	S9028PLC / S9028PCR
Frequency Range	902 - 928 MHz
Gain	9 dBic
Maxium VSWR	1.3:1
3 dB Beamwidth - Azimuth	70°
Front to Back Ratio	20 dB
Polarization	Circular Right or Left
Maxium Input Power	10 Watts
Input Impedence	50 Ohms
Axial Ratio	1dB Typical
Weight (Kg)	2.3 lbs (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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