



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.

S9025PL / S9025PR Mini RFID Panel Antenna



902-928 MHz 5.5 dBi CP MINI RFID PANEL ANTENNA

The Laird S9025PL / S9025PR are high-performance RFID antennas and the only UHF RFID antenna available to the market that offers no-compromise performance in a small package. At only 5.2" square the antenna offers a gain specification of 5.5 dBi and axial ratio better than 2 dB. In effect the antenna is providing the performance one would expect of a much larger antenna. The antenna is not only mechanically robust but is less likely to be exposed to excessive damage by virtue of its reduced size.

FEATURES

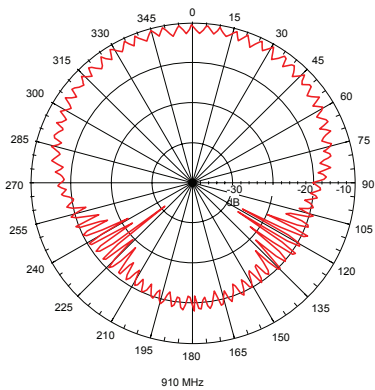
- Circularly polarized
- Low VSWR and axial ratio
- Rugged, ultra heavy duty construction
- IP 67 Rated
- Weather and UV resistant radome
- High performance in a small package
- Wide range of connector and cable options
- Left hand and right hand CP versions

APPLICATIONS

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

SPECIFICATIONS

Antenna Part Number	S9025PR and S9025PL
Frequency Range	902 - 928 MHz
Gain	5.5 dBi
Maxium VSWR	1.5:1
3 dB Beamwidth - Azimuth	100°
Front to Back Ratio	8 dB
Polarization	Circular RH or Circular LH
Maxium Input Power	10 Watts
Input Impedence	50 Ohms
Axial Ratio	2.0 dB Typical
Weight (Kg)	.8 lbs (.37)
Mechanical Size	5.2" x 5.2" x .71"
Antenna vConnection	Type N Female, RP-TNC Female, RP-SMA Female, SMA Female
Radome	White or Charcoal High Strengh PC
Mount Style	Threaded Stud 2x #10-32
Temperature Operational	-30°C to +70°C
Storage Temperature	40°C to 85°C
Impact Resistance	1 lbs. Ball Drop, 24"
Salt	MIL-STD-810
Vibration	MIL-STD-810
Shock	IEC 68-2-27
Humidity	IEC 68-2-30
Lightning Protection	DC Grounded
Enclosure Rating	IP 67



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