Laird TECHNOLOGIES

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

S9025P
Mini RFID Panel Antenna

902-928 MHz 5.5 dBi CP MINI RFID PANEL ANTENNA

The Laird Technologies' S9025P is the latest addition to the high-performance RFID antenna lineup and is 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 dBic 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 RoHS

- 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

global solutions: local support™

Americas: +1.847 839.6907
IAS-AmericasEastSales@lairdtech.com

Europe: +1.32.80.7866.12
IAS-EUSales@lairdtech.com

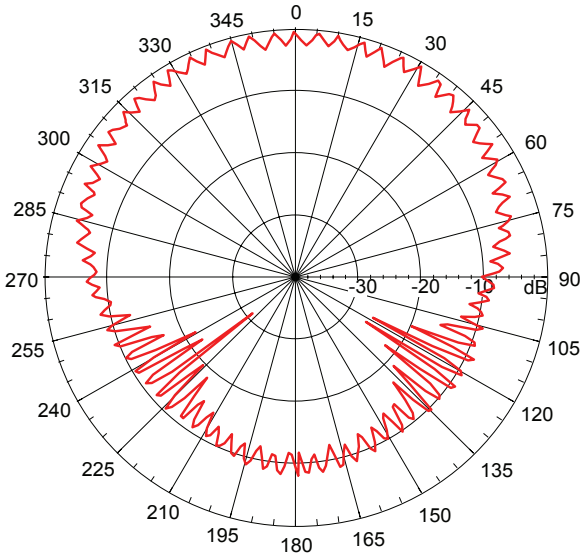
Asia: +1.65.6.243.8022
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

Laird TECHNOLOGIES

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

S9025P
Mini RFID Panel Antenna



910 MHz

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

ANT-DS-S9025P 0409

Any information furnished by Laird Technologies and its agents is believed to be accurate and reliable. Responsibility for the use and application of Laird Technologies materials rests with the end user since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability, or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies terms and conditions of sale in effect from time to time, a copy of which will be furnished upon request. All Laird Technologies' products are sold pursuant to the Laird Technologies' domestic terms and conditions of sale in effect from time to time, a copy of which will be furnished upon request.

© 2009 All Rights Reserved
Laird Technologies is a registered trademark of Laird Technologies, Inc