



Mini RFID Panel Antenna S9025P



902-928 MHz 5.5 dBic MINI PANEL ANTENNA

The RFMAX S9025P antenna is the latest addition to our high-performance RFID antenna lineup, and is the only UHF RFID antenna available in the market that offers no-compromise performance in such a small package. The antenna is housed in an ultra-rugged, IP67 rated radome and features solid state construction for use in the most demanding environments.

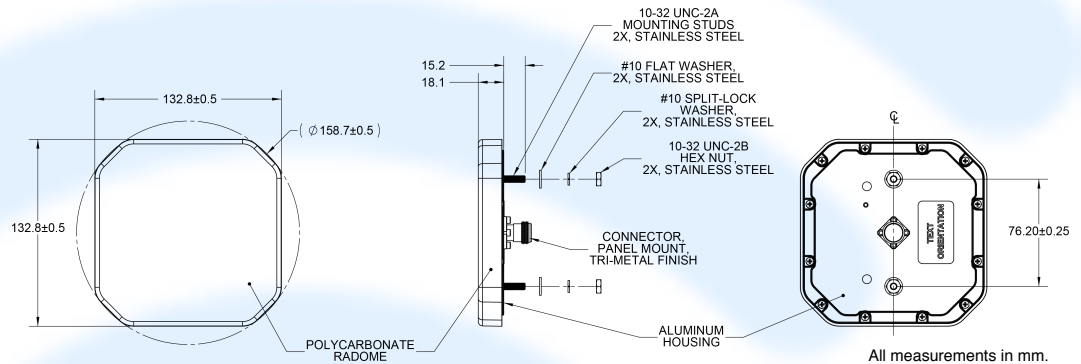
At only 27 square inches, the antenna offers a gain specification of 5.5 dBic and axial ratio better than 2 dB. In effect the antenna is providing the performance one would expect of a much larger antenna. The antenna is not only mechanically robust but is less likely to be exposed to excessive damage by virtue of its reduced size.

FEATURES

- Small size - only 5.2" x 5.2"
- IP67 rated for outdoor use
- Solid state antenna element
- Designed to withstand shock and vibration
- Low profile
- Extremely low VSWR and axial ratio
- Wide range of connector options
- Circular Polarity

APPLICATIONS

- Warehouse
- Distribution center
- Airports and hospitals
- Transit terminals
- Conveyer belts
- Outdoor portals



MOUNTING OPTIONS



RFMAX
www.rfmax.us

Distributed internationally by:
Arcadian, Inc.
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Little Falls, New Jersey, 07424 USA

888.925.5967 toll-free
973.890.2324 international
www.arcadianinc.com

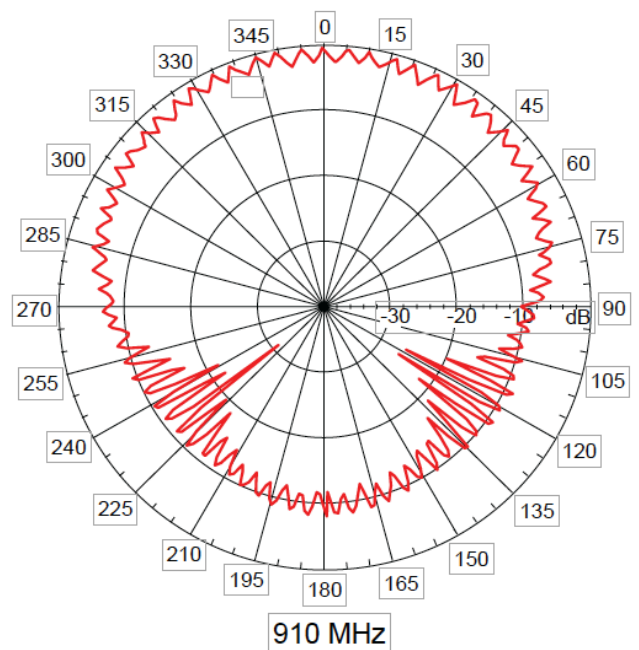




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SPECIFICATIONS

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" (132.08 x 132.08 x 18.03 mm.)
Connector Options	Type N Female, RP-TNC Female, SMA Female, Right Angle SMA
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	IP67
Flammability Rating	UL94V-2 (radome only)



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