

S8655PR S8655PLMini RFID Panel Antenna

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



865-870 MHz 5.5 dBic CP MINI RFID PANEL ANTENNA

The Laird Technologies' S8655P 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

- Low profile
- Extremely low VSWR and axial ratio
- IP 67 Rated
- Weather and UV resistant radome
- Wide range of connector options
- Left hand and right hand CP versions

APPLICATIONS

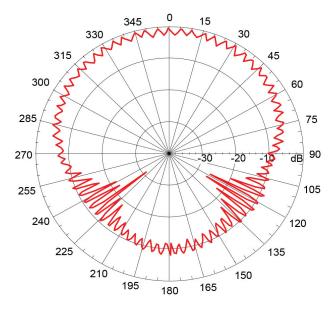
- Warehouse
- Distribution center
- Airports and hospitals
- Transit terminals
- Conveyor belt



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Mini RFID Panel Antenna



865	M	Hz
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	803 MHZ	
SPECIFICATIONS		
Antenna Part Number	S8655PR and S8655PL	
Frequency Range	865 - 870 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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IAS-DS S8655P 0409

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