

Smart Technology. Delivered.

Mini RFID Panel Antenna



865-870 MHz 5.5 dBic CP MINI RFID PANEL ANTENNA

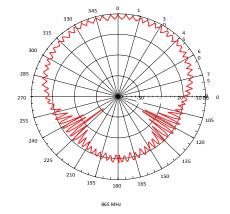
The Laird S8655P is a high-performance RFID antenna lineup and is the only UHF RFID antenna available to the market that offers no-compromise performance in a small package. At only 5.2" square the antenna offers a gain specification of 5.0 dBic and axial ratio better than 2 dB. In effect the antenna 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



SPECIFICATIONS Antenna Part Number S8655PR and S8655PL Frequency Range 865 - 870 MHz 5.0 dBi Gain Maxium VSWR 1.5:1 3 dB Beamwidth - Azimuth 100° Front to Back Ratio 8 dB Polarization Circular RH or Circular LH 10 Watts Maxium Input Power Input Impedence 50 Ohms **Axial Ratio** 2.0 dB Typical Weight lb. (Kg) 1.0 lbs (.45) Mechanical Size in. (mm) 5.2" x 5.2" x .71" (132.1 x 132.1 x 17.8) Type N Female, RP-TNC Female, RP-SMA Female, SMA Female Antenna vConnection 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

Americas: +1.847 839.6925 IAS-AmericasEastSales@lairdtech.com

Europe: +44.1628.858941 IAS-EUSales@lairdtech.com

Asia: IAS-AsiaSales@lairdtech.com

www.lairdtech.com

ANT-DS S8655P 1115

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