Laird TECHNOLOGIES

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

S8658PL S8658PR
Circular Polarity RFID Panel Antenna



865-870 MHz 8.5 dBic CIRCULAR POLARITY PANEL

The Laird Technologies' S8658PL antenna is a circularly polarized panel antenna that provides reception and transmission of signals in the 865-870 MHz frequency band. Laird Technologies' industry-renowned design methodology achieves maximum efficiency and performance across the entire frequency band.

Both VSWR and axial ratios are excellent and allow the user to achieve the maximum performance for an antenna of this type. The antenna is housed in a heavy duty radome enclosure that can be directly wall mounted. An optional articulating mount allows either wall or mast mounting.

The antenna is offered with an integrated coax pigtail and a variety of connector types are available.

FEATURES RoHS

- Low profile
- Extremely low VSWR and axial ratio
- Weather and UV resistant radome
- 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™

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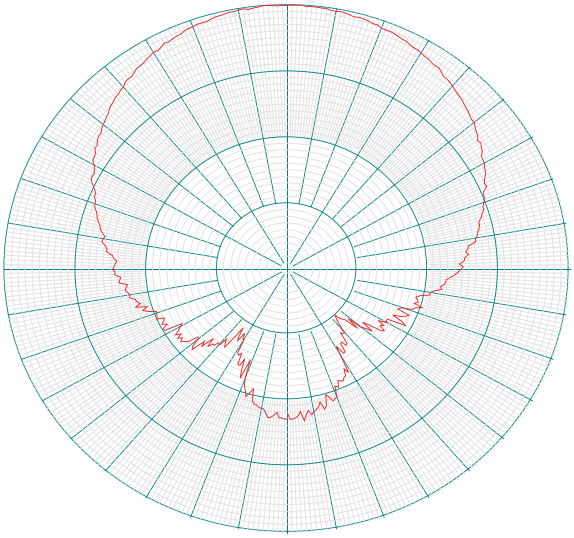
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865 MHz

SPECIFICATIONS	
Antenna Part Number	S8658PL and S8658PR
Frequency Range	865 - 870 MHz
Gain	8.5 dBic
Maxium VSWR	1.5:1
3 dB Beamwidth - Azimuth	70°
Front to Back Ratio	18 dB
Polarization	Circular Right or Left
Maxium Input Power	10 Watts
Input Impedence	50 Ohms
Axial Ratio	1dB Typical
Weight (Kg)	1.75 lbs (1.13)
Mechanical Size	10.2" x 10.2" x 1.32"
Antenna Connection	Coax Pigtail, Rev TNC Male (others available)
Radome	High Strength PC
Mount Style	Threaded Stud
Temperature Operational	-25°C to +70°C
Lightning Protection	DC Grounded
Environmental Rating	IP 54

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