



# Circular Polarity RFID Panel Antenna S8658PL/S8658P



## 865-870 MHz 8.5 dBic CIRCULAR POLARITY PANEL

The RFMAX S8658PL antenna is a circularly polarized panel antenna that provides reception and transmission of signals in the 865-870 MHz frequency band. The RFMAX S8658 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

### FEATURES

- 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
- Conveyor belt

**RFMAX**

[www.rfmax.us](http://www.rfmax.us)

Distributed internationally by:  
**Arcadian, Inc.**  
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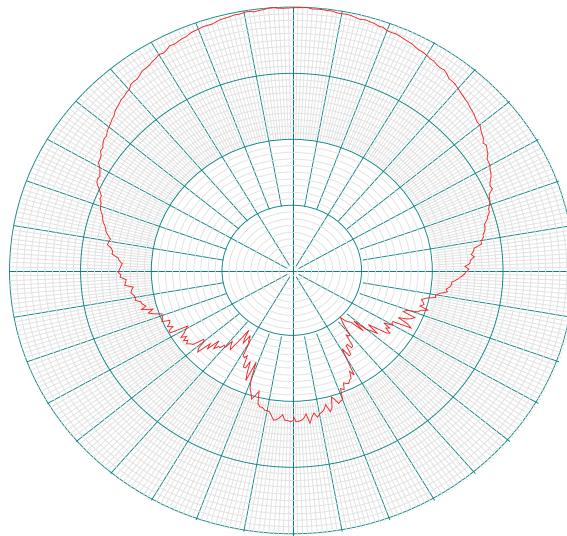
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## SPECIFICATIONS

Antenna Part Number	S8658PL and S8658PR
Frequency Range	865 - 870 MHz
Gain	8.5 dBic
Maximum VSWR	1.5:1
3 dB Beamwidth - Azimuth	70°
Front to Back Ratio	18 dB
Polarization	Circular Right or Left
Maximum Input Power	10 Watts
Input Impedance	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



865 MHz