

S8658WPR S8658WPL

Circular Polarity Wide Band RFID Panel Antenna

865-960 MHZ 8.5 DBIC CIRCULAR POLARITY PANEL

The Laird S8658WPR antenna is a circularly polarized panel antenna that provides reception and transmission of signals in the 865-960 MHz frequency band. Laird's industry renowned design methodology achieves maximum efficiency and performance across the entire frequency band.

Both VSWR and axial ratios are both 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

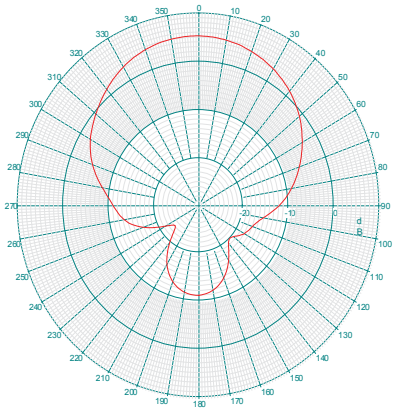
- Low profile
- Extremely low VSWR and axial ratio
- Wide band
- Weather and UV resistant radome
- Wide range of connector and cable options
- Left hand and right hand CP versions

APPLICATIONS

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

SPECIFICATIONS	
Antenna Part Number	S8658WPR and S8658WPL
Frequency Range	865 - 960 MHz
Gain	8.5 dBic
Maxium VSWR	1.4:1
3 dB Beamwidth - Azimuth	65°
Front to Back Ratio	20 dB
Polarization	Circular Right-hand or circular Left-hand
Maxium Input Power	3 Watts
Input Impedence	50 Ohms

SPECIFICATIONS	
Axial Ratio	1dB
Weight (Kg)	2.5 lbs (1.13)
Mechanical Size (mm)	10.2” x 10.2” x 1.32” (259 x 259 x 34)
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



902 MHz

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