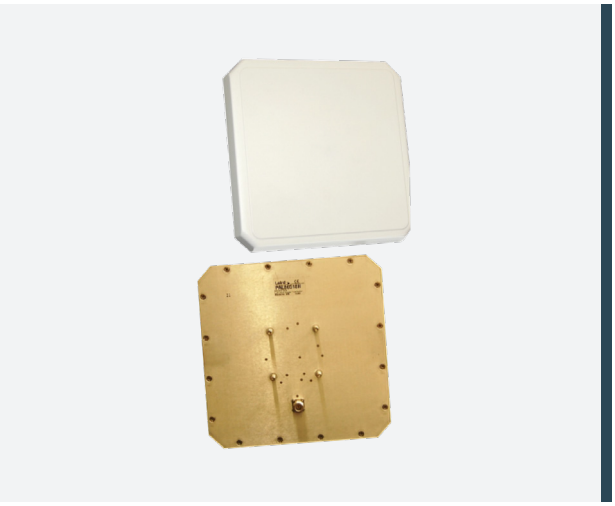


PAL86518H-FNF/ PAR86518H-FNF

Circular Polarity Wide Band RFID Antenna

865-956 MHZ 8.5 DBIC CIRCULAR POLARITY PANEL

The Laird PAL86518H-FNF/PAR86518H-FNF antennas are circularly polarized panel antennas that provide reception and transmission of signals in the 865-956 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 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 a Fix N connector.

FEATURES RoHS

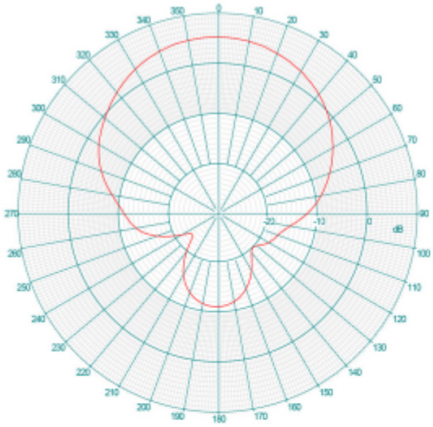
- Low profile
- Extremely low VSWR and axial ratio Wide band
- Weather and UV resistant radome
- Wide range of connector and cable options Left hand and right hand CP versions
- IP 67

APPLICATIONS

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

SPECIFICATIONS	
Antenna Part Number	PAL86518H/PAR86518H
Frequency Range	865 - 956 MHz
Gain	8.5 dBic
Maxium VSWR	1.5:1
3 dB Beamwidth - Azimuth	65°
Front to Bank Ratio	20dB
Polarization	Circular Right-hand or circular Left-hand
Maxium Input Power	3 Watts
Input Impedence	50 Ohms
Axial Ratio	1dB

SPECIFICATIONS	
Weight (Kg)	1.89 lbs (0.86)
Mechanical Size	10.2” x 10.2” x 1.32”
Antenna Connection	Fix N
Radome	High Strenght PC
Mount Style	Threaded Stud
Temperature Operational	-25°C to +70°C
Lighting Protection	DC Grounded
Environmental Rating	IP 67



902 MHz

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