

# Circularly Polarized RFID Panel Antenna

## PEL90206



### 902 TO 928 MHz RFID PANEL ANTENNA

The Laird Technologies' PEL90206 antenna is a circularly polarized panel antenna that provides reception and transmission of signals in the 902 – 928 MHz (US frequency band). Laird Technologies' 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. This embedded antenna comes with a wide range of connector and cable options.

### FEATURES

- Extremely low VSWR and axial ratio
- US band and Europe band available
- Wide range of connector and cable options

### MARKETS

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

### SPECIFICATIONS

PARAMETER	
Frequency	902 to 928 MHz
Gain	6 dBic
VSWR	1.5:1
Polarization	LH CP
Beamwidth 3dB, Horizontal	90°
Beamwidth 3dB, Elevation	90°
Axial Ration dB	1
Mounting Style	Standoff
Dimensions (mm)	120 x 120 x 7
Connector	Pigtail with Multiple Choices

Americas: +1.847.839.6907  
IAS-AmericasEastSales@lairdtech.com

Europe: +44.1628.858941  
IAS-EUSales@lairdtech.com

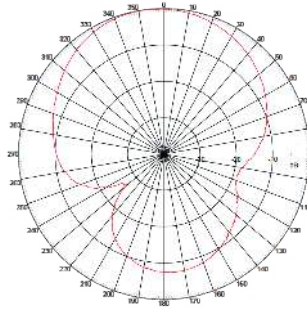
Asia: ++86.21.5855.0827.127  
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[www.lairdtech.com](http://www.lairdtech.com)

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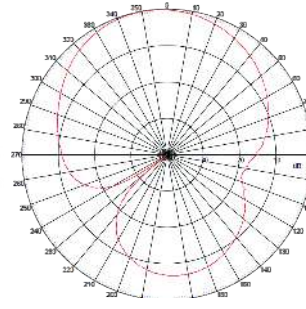
## PATTERNS

902 MHz



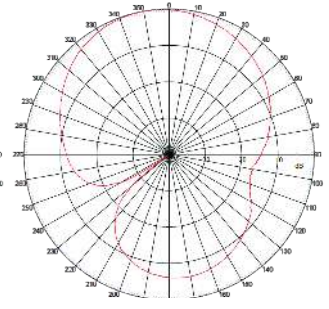
Linear A

915 MHz

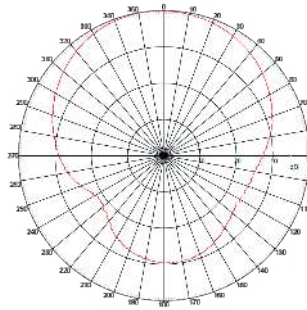


Linear A

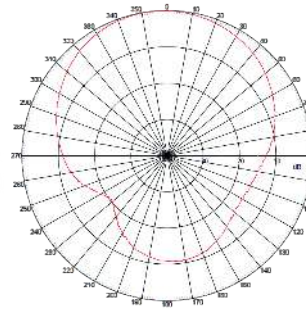
928 MHz



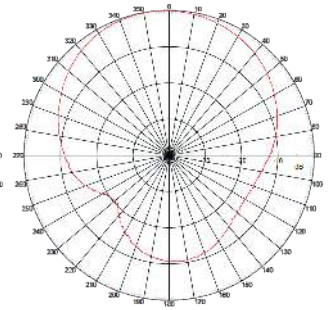
Linear A



Linear B



Linear B



Linear B

## ORDERING GUIDE

Part Number	Specifications
PEL90206-61SMAM	902-928 MHz panel, LHCP, 6dBic, EMBD, 61 cm, SMAM
PEL90206-15RAMP	902-928 MHz panel, LHCP, 6 dBic, EMBD, 15 cm, MMCXP
PEL90206-15SMAF	902-928 MHz panel, LHCP, 6 dBic, EMBD, 15 cm, SMAF
PEL90206-20RAMP	902-928 MHz panel, LHCP, 6 dBic, EMBD, 20 cm, MMCXP
PEL90206-61RTN	902-928 MHz panel, LHCP, 6 dBic, EMBD, 61 cm, RTNM
PEL90206-61SMAFB	902-928 MHz panel, LHCP, 6 dBic, EMBD, 61 cm, SMAFB

ANT-DS-PEL90206 0314

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