



Smart Technology. Delivered.

# 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  
IAS-AsiaSales@lairdtech.com

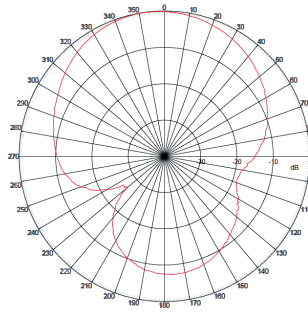
[www.lairdtech.com](http://www.lairdtech.com)

# Circularly Polarized RFID Panel Antenna

## PEL90206

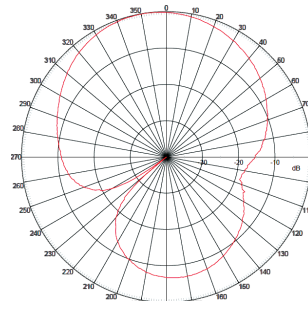
### PATTERNS

902 MHz



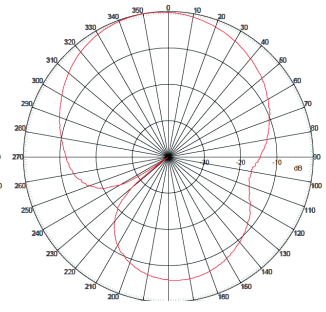
Linear A

915 MHz

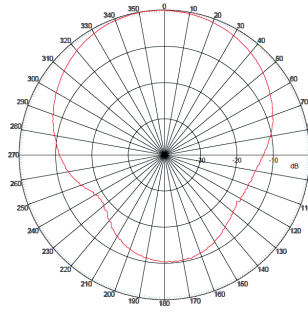


Linear A

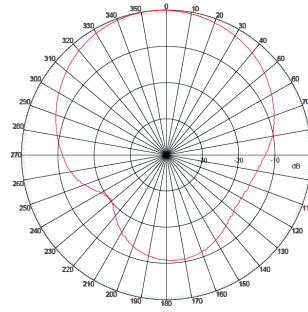
928 MHz



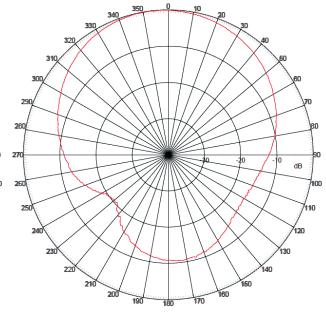
Linear A



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

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2013 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trade marks or registered trade marks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.