



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

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IAS-AmericasEastSales@lairdtech.com

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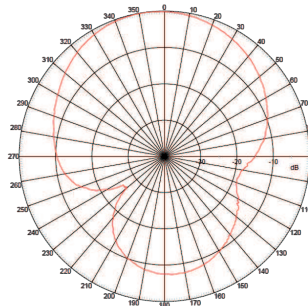
Asia: ++86.21.5855.0827.127
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

Circularly Polarized RFID Panel Antenna PEL90206

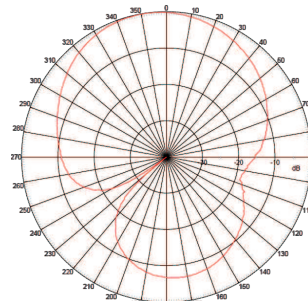
PATTERNS

902 MHz



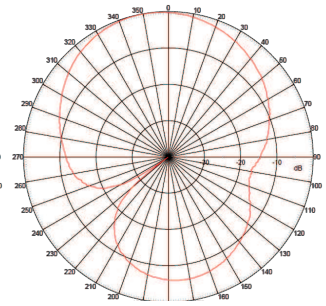
Linear A

915 MHz

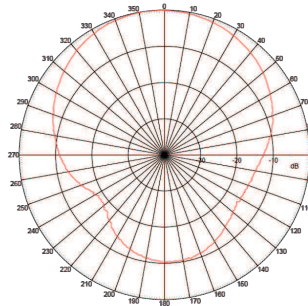


Linear A

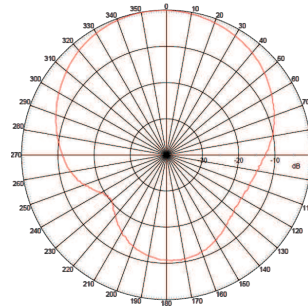
928 MHz



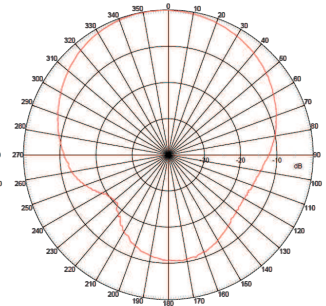
Linear A



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

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