



806-960 MHz, 1710-2500 MHz ANTENNA

The LP series antennas from Laird are ultra wideband log periodic antennas which cover a very wide frequency range. Because it covers both cellular and WLAN worldwide frequencies, it is very useful for CPE equipment and base station equipment needed for these frequency bands, minimizing the amount of equipment needed for each service location. The LP series can be used indoors or outdoors. It comes complete with all components needed for pole mounting or wall mounting. The sealed housing is UV stabilized ABS plastic. The backplate is stainless steel with stainless steel fasteners. All bracket components are stainless steel for corrosion protection. The pigtail is 18 inch outdoor rated cable terminated with an N female connector standard. Other connector/cable configurations available upon request.

FEATURES

- Covers both cellular and WLAN frequencies
- Consistent 9 dBi gain across all frequencies
- Pole mount or wall mount
- Light gray attractive UV protected housing
- Vertical or horizontal polarization
- DC grounded for lightning protection

MARKETS

- Cellular / WLAN repeaters
- WISP equipment
- Indoor cellular / WLAN extenders
- Non-line of sight

PARAMETER	MIN	TYP	MAX	UNITS
Frequency Range	806-960		1710-2500	MHz
VSWR		1.5:1		
Impedance		50		OHM
Input Power			50	W
Operating Temperature	-45		+70	Deg C
Gain		9		dBi
3 dB Beam Angle (E-Plane)		55		Deg
3 dB Beam Angle (H-Plane) 806-960		90		Deg
3 dB Beam Angle (H-Plane) 1710-2500		75		Deg
Front to Back	23			dB
Pole Size			1.7	in
Weight	1.5 (.7)			Lb (kg)
Outside Dim (L x W x H)	15.5 x 10.5 x 2.75 (394 x 267 x 70)			in (mm)

WIND LOADING	100 MPH	125 MPH	100 MPH WITH ½ IN RADIAL ICE
Force (lbs)	18.8	29.3	29.5

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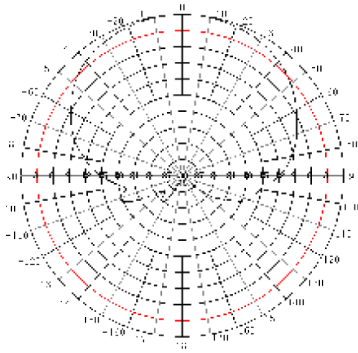
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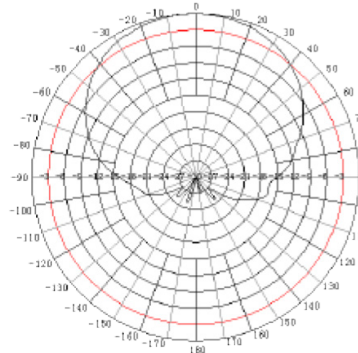
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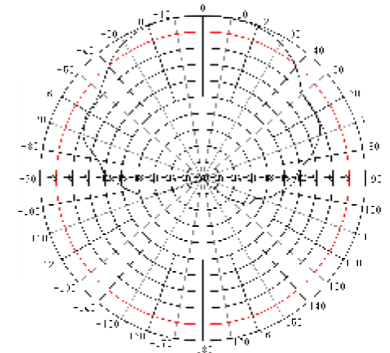




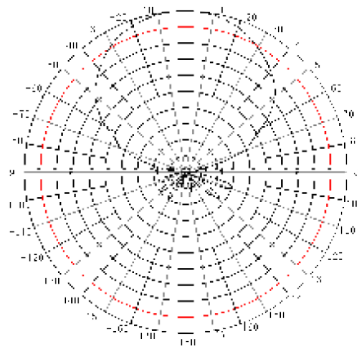
**890 MHz
H-Plane**



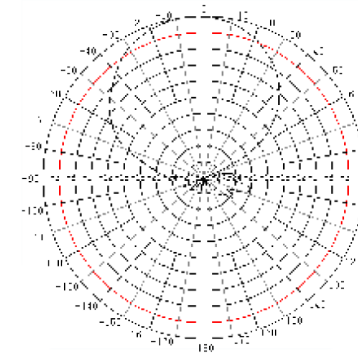
**1800 MHz
H-Plane**



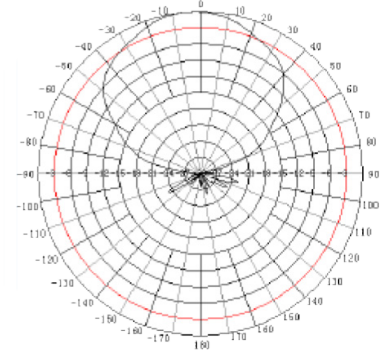
**2400 MHz
H-Plane**



**890 MHz
E-Plane**



**1800 MHz
E-Plane**



**2400 MHz
E-Plane**

ANT-DS-LP800-2500-9-NF 0715

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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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