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Circular Polarized High Gain Antenna 2.4GHz Operation

The Circular Polarized (CP) antenna systems offered by Laird Technologies are constructed of an aluminum alloy backplate with UV protected plastic radome. The antenna is right hand circular polarized (RHCP) to communicate with a wide variety of popular circularly polarized base station antennas available on the market. Because of the antenna's high gain, it is also useful as a point to point antenna. Circular polarization is effective in minimizing multipath and also has been proven effective at improving signal through obstructions such as trees.

Features and Benefits:

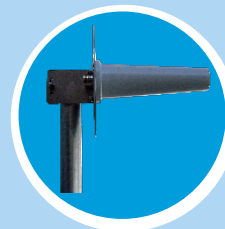
- High gain
- RH circular polarization
- Adjustable tilt stainless steel bracket
- Type N female connector
- DC grounded for lightning protection
- Rugged, lightweight and waterproof

Applications

- 802.11b/g applications
- CP point to point links
- Client antennas
- Building to building high speed links

For sales information:
Telephone 801-572-3024
E-Mail sales@pacwireless.com

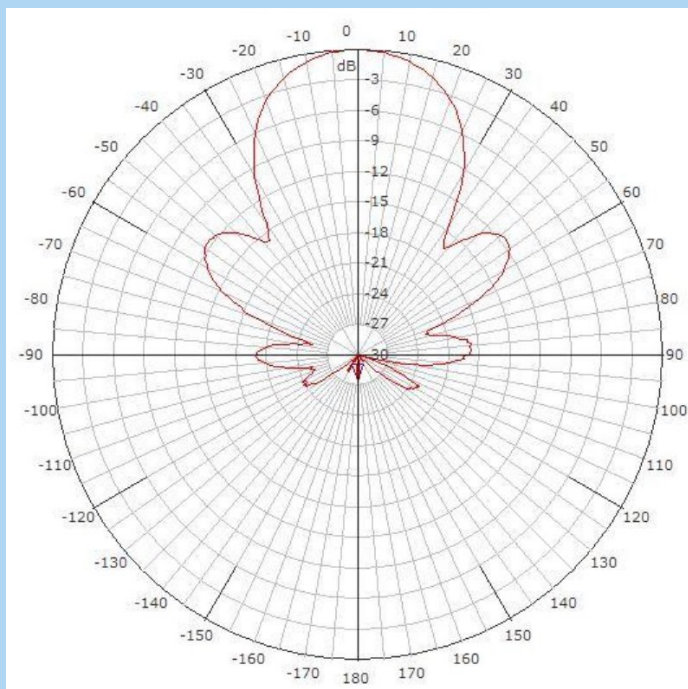
or visit: www.pacwireless.com



Specifications

Parameter	Min	Type	Max	Units
Frequency Range	2400		2485	MHz
Gain	12			dBi
Polarization		Circular (RHCP)		
VSWR		1.5:1		
3db Beamwidth		37		Deg
Front to Back	20			dB
Axial Ratio			2	dB
Impedance		50		OHM
Input Power			100	W
Pole Diameter (OD)	1 (25)		2 (50)	Inch (mm)
Operating Temperature	-40		+70	Deg C
Rated Wind Velocity			125	mph
Weight		1.1 (0.5)		lbs (kg)
Dimensions (L x Dia)		8.5" x 8" (216 x 203)		Inch (mm)

Antenna Pattern @ 2.442GHz



Wind Loading (Lbs)

Model	Sq. In	100MPH	125MPH	100MPH with 1/2" radial ice
CP24-12	56	14 lbs	22 lbs	14 lbs

System Ordering:

CP24-12 12dBi 2400MHz to 2485MHz Circular Polarized Antenna

Notes:

- All shipments F.O.B. Schaumburg, IL 60173
- All antennas carry a 2 Year Warranty

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