

Instruction Sheet

CP24 Circular Polarized Directional Antennas 2.4GHz Operation

Step 1: Attach Bracket to the antenna backplate and tighten the holding screws.

Step 2: Install the Pole Clamp Bracket between the pole and the antenna bracket

Step 3: Install the U-Bolt.

Step 4: Aim the antenna and then tighten the u-bolt nuts. The bracket gives +/- 10 deg of up or down tilt.

Step 5: Install the cable and weatherproof the cable connection.

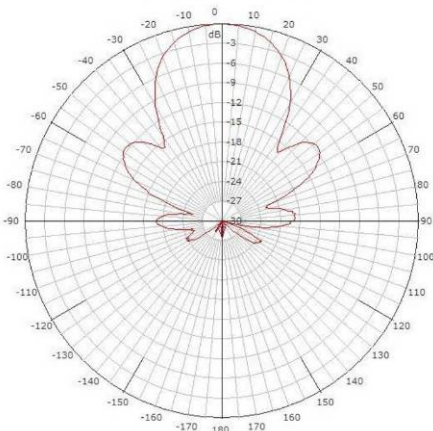


Specifications

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



Antenna Pattern



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