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NLOS Series Sector Antenna 860 to 960 MHz Operation

The NLOS series sector antenna systems offered by Laird Technologies are constructed of a heavy duty aluminum extrusion and covered with a UV resistant ABS radome. The vertically polarized antennas are well suited for communicating with fixed and mobile wireless clients. Because of their high gain they offer extended range. The 120 deg beamwidth covers a large service area. The super heavy duty stainless steel mounting system will insure a stable installation in high wind conditions. The mount has a tilt indicator to enable setting of accurate antenna downtilt.

Features and Benefits:

- 900MHz vertically polarized sector directional antenna
- 13dBi gain , 120deg beamwidth
- Heavy duty stainless steel scissor bracket
- Type N female integrated connector standard

Applications

- 900 MHz ISM band applications
- Non line of sight applications
- WISP base station equipment
- Cellular Applications

For sales information:

Telephone 801-572-3024

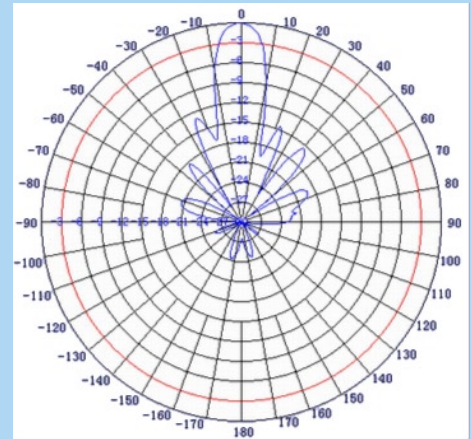
E-Mail sales@pacwireless.com

or visit: www.pacwireless.com

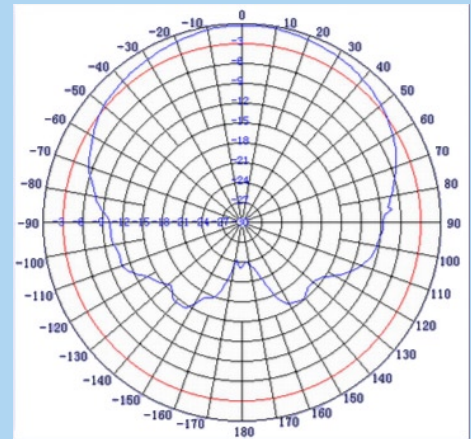
Specifications

Parameter	Min	Typ	Max	Units
Frequency Range	860		960	MHz
Gain		12		dBi
Vertical Beamwidth		16		Degrees
Horizontal Beamwidth		120		Degrees
Front to Back	21			dB
Intermod			-107	dBm
VSWR		1.5:1		
Impedance		50		OHM
Input Power			200	W
Pole Diameter (OD)	2 (50)		4 (102)	Inch (mm)
Operating Temperature	-45		+70	Deg C
Weight		31 (14)		Lbs (kg)
Length x Width x Depth	53" x 11" x 5" (1350 x 286 x 133)			Inch (mm)

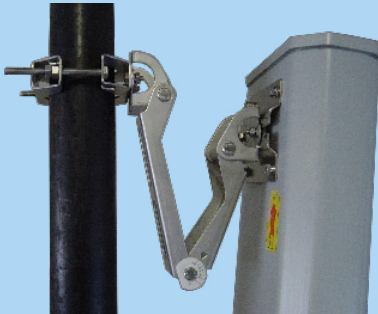
Antenna Pattern



Elevation @ 914MHz



Azimuth @ 914MHz



Wind Loading

Model	Sq. In	100MPH	125MPH
SA9-120-13	583	146 Lbs	228 Lbs

System Ordering:

SA9-120-13 13dBi 120deg 860-960MHz vertically polarized sector antenna

Notes:

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



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