



Flat Panel Directional Antenna 2400 to 2483 MHz Operation

Features

- High Gain / Low Profile
- Pole Mount or Surface Mount
- Rugged and Weatherproof
- Vertical or Horizontal Polarization
- Type N Female Connector

Applications

- 2.4GHz Wireless LAN Applications
- 802.11b/g Applications
- Client Antennas
- OEM wireless data



PA24-13

Description

The 2.4GHz Flat Panel Directional antennas by Pacific Wireless offer high gain in a thin low profile package. The antennas are constructed of a gray color UV Resistant ABS plastic radome with an aluminum backplate. The antenna can be used in Horizontal or Vertical Polarization. The Die Cast Aluminum or Galvanized Steel bracket affords +/- 45 deg up or down tilt adjustment and the stainless steel hardware assures a long service life. The PA24-13 and PA24-19 antenna can be surface mounted or pole mounted. The PA24-16 is pole mounted only. All antennas comes with an integral N Female connector standard.

Specifications

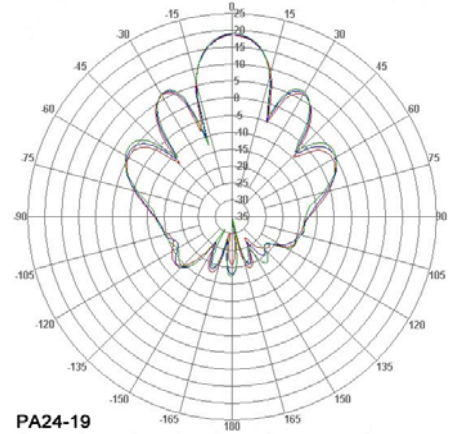
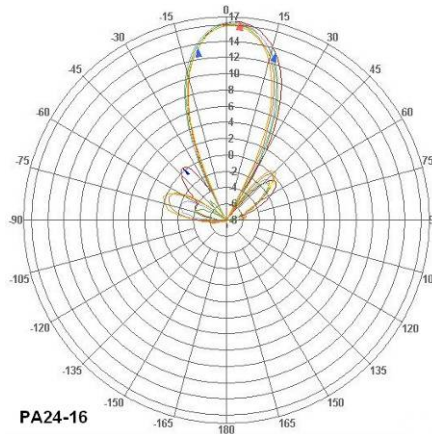
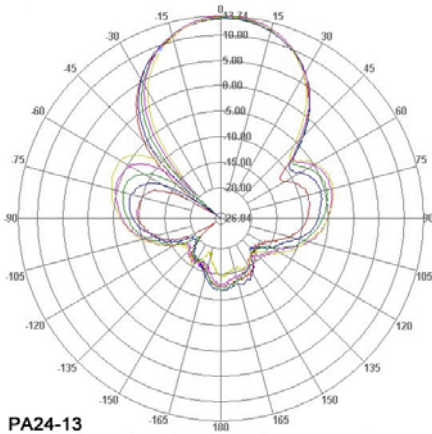
Parameter	Model	Min	Typ	Max	Units
<i>Frequency Range</i>		2400		2483	MHz
<i>Gain</i>	PA24-13 PA24-16 PA24-19		13 16 19		dBi
<i>3dB Beamwidth (H&V)</i>	PA24-13 PA24-16 PA24-19		35 26 17.5		Deg
<i>Front to Back</i>	PA24-13 PA24-16 PA24-19	20 27 30			dB
<i>Cross Polarization</i>		-20			dB
<i>VSWR</i>			1.5:1		
<i>Impedance</i>			50		OHM
<i>Input Power</i>				100	W
<i>Operating Temperature</i>		-40		+70	Deg C
<i>Pole Size</i>		1" (25)		2.0" (50)	In (mm)
<i>Weight</i>	PA24-13 PA24-16 PA24-19		17.6 (0.5) 31.5 (0.9) 60 (1.7)		oz (kg)
<i>Dimension (Dia x Depth)</i>	PA24-13 PA24-16		7.5" x 7.5" x 0.8" (190 x 190 x 20) 11" x 11" x 0.8" (279 x 279 x 20)		In (mm)



PA24-19

	PA24-19	15.3" x 14.6" x 0.8" (389 x 368 x 20)	
Bracket Tilt		45	Deg

Antenna Patterns @ 2.4GHz



Notes:

- All shipments F.O.B. Bluffdale, UT 84065
- All antennas carry a 2 Year Warranty



Wind Loading				
Model	Sq. In	100MPH	125MPH	100MPH with 1/2" radial ice
PA24-13	56	14 lbs	22 lbs	14 lbs
PA24-16	121	30 lbs	47 lbs	32 lbs
PA24-19	221	55 lbs	86 lbs	57 lbs

System Ordering:

- PA24-13** 2.4GHz 13dBi Flat Panel Directional Antenna
- PA24-16** 2.4GHz 16dBi Flat Panel Directional Antenna
- PA24-19** 2.4GHz 19dBi Flat Panel Directional Antenna



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