

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

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



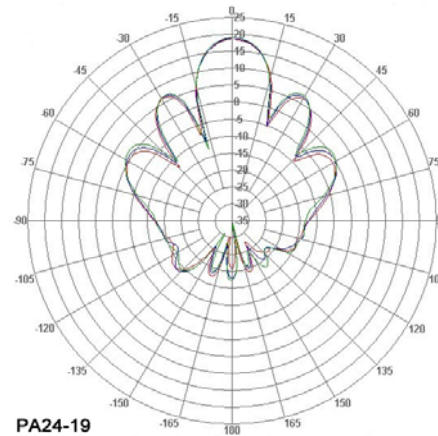
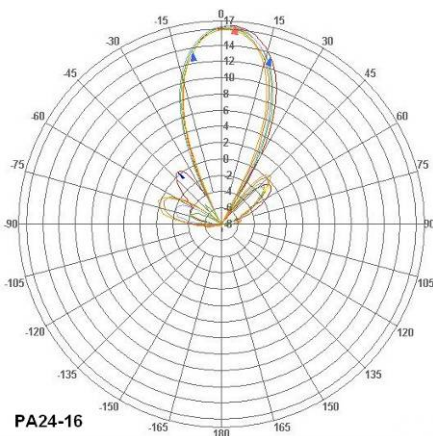
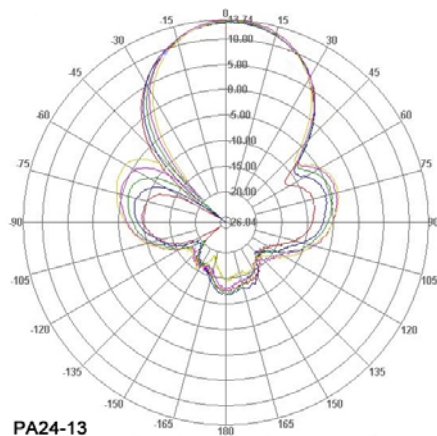
PA24-13



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



PA24-19 Pole Mount



PA24-16

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



PA24-13 Surface Mount

For further information contact:



Pacific Wireless

14575 South Center Point Way
 Bluffdale, UT 84065
 TEL (801) 572-3024
 FAX (801) 572-3025
www.pacwireless.com