



Pacific Wireless
 693 E Draper Heights Way Suite 210
 Draper, UT 84020
 TEL (801) 572-3024
 FAX (801) 572-3025
 www.pacwireless.com

New Product

PA24
DATA SHEET

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



PA24-13

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 bracket affords +/- 45 deg up or down tilt adjustment and the stainless steel hardware assures a long service life. The antenna can be surface mounted or pole mounted. The antenna comes with an integral N Female connector standard.

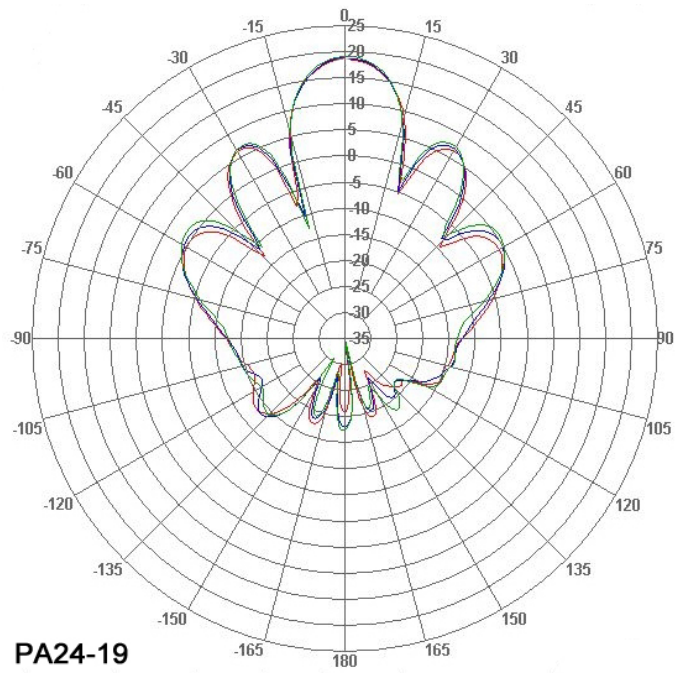
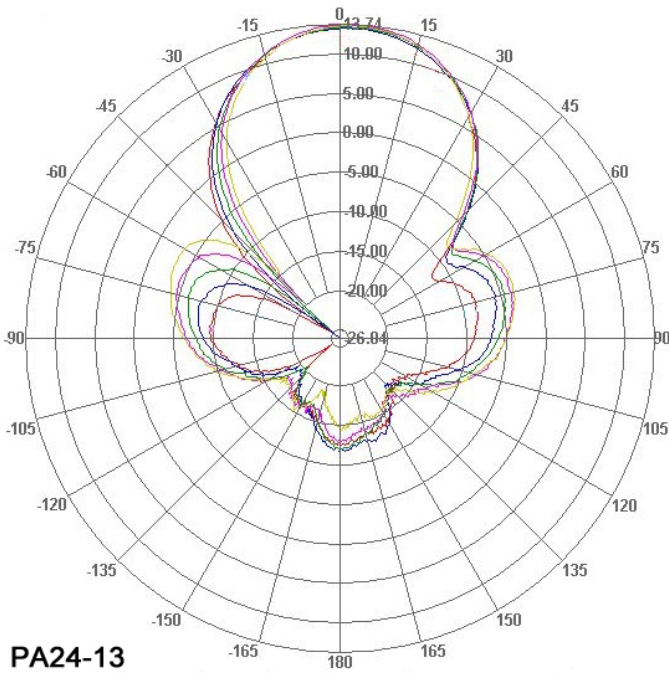
Specifications

Parameter	Model	Min	Typ	Max	Units
<i>Frequency Range</i>		2400		2483	MHz
<i>Gain</i>	PA24-13 PA24-19		13 19		dBi
<i>Horizontal Beamwidth</i>	PA24-13 PA24-19		35 17.5		Deg
<i>Vertical Beamwidth</i>	PA24-13 PA24-19		35 17.5		Deg
<i>Front to Back</i>	PA24-13 PA24-19	20 30			dB
<i>Cross Polarization</i>			20		dB
<i>Input Return Loss (S₁₁)</i>			-14		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)		2.5" (64)	In (mm)
<i>Weight</i>	PA24-13 PA24-19		17.6 (0.5) 60 (1.7)		oz (kg)
<i>Dimension (Dia x Depth)</i>	PA24-13 PA24-19		7.5" x 7.5" x 0.8" (190 x 190 x 20) 15.4" x 10.6" x 0.8" (390 x 270 x 21)		In (mm)
<i>Bracket Tilt</i>			45		Deg



PA24-19

Antenna Patterns @ 2.4GHz



Wind Loading				
Model	Sq. In	100MPH	125MPH	100MPH with 1/2" radial ice
PA24-13	56	14 lbs	22 lbs	14 lbs
PA24-19	163	41 lbs	64 lbs	41 lbs

Notes:

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

System Ordering:

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

For further information contact:



PA24-13 Surface Mount



Pacific Wireless
 693 E Draper Heights Way Suite 210
 Draper, UT 84020
 TEL (801) 572-3024
 FAX (801) 572-3025
www.pacwireless.com