



## Flat Panel Wide Band Antenna

### 5150 to 5825 MHz Operation

### Features

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

### Applications

- 5GHz Wireless LAN Applications
- 802.11a Applications
- Client Antennas
- OEM wireless data



### Description

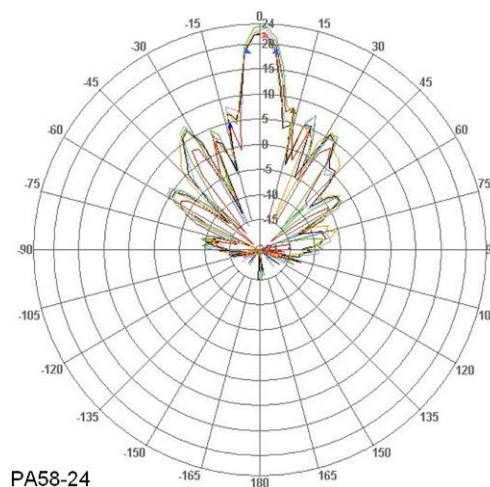
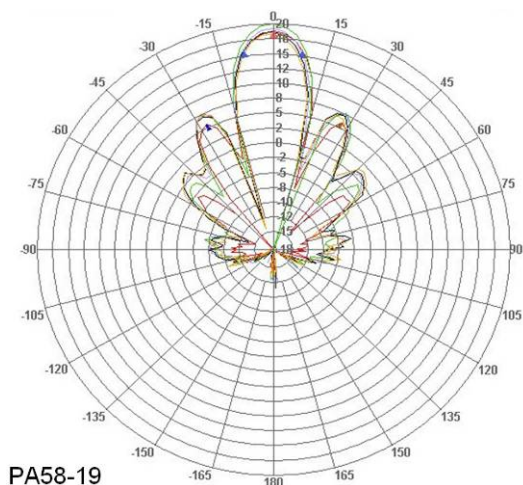
The 5GHz WideBand Flat Panel Directional antennas by Pacific Wireless offer high gain in a thin low profile package. The antennas are constructed of a gray color UV Resistant ABS plastic radome with an aluminum backplate. The antenna can be used in Horizontal or Vertical Polarization. The Die Cast Aluminum 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>		5150		5825	MHz
<i>Gain</i>	PA58-19 PA58-24		19 24		dBi
<i>Horizontal Beamwidth</i>	PA58-19 PA58-24		16 8		Deg
<i>Vertical Beamwidth</i>	PA58-19 PA58-24		16 8		Deg
<i>Front to Back</i>	PA58-19 PA58-24	30 40			dB
<i>Cross Polarization</i>			25		dB
<i>VSWR</i>	5150-5350MHz 5470-5825MHz		2.0:1 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>	PA58-19 PA58-24		17.6 (0.5) 60 (1.7)		oz (kg)
<i>Dimension (L x W x Thick)</i>	PA58-19 PA58-24		7.5" x 7.5" x 0.8" (190 x 190 x 20) 15.4" x 14.6" x 0.8" (390 x 371 x 21)		In (mm)
<i>Bracket Tilt</i>			45		Deg



## Antenna Patterns



Wind Loading				
Model	Sq. In	100MPH	125MPH	100MPH with 1/2" radial ice
PA58-19	56	14 lbs	22 lbs	14 lbs
PA58-24	163	41 lbs	64 lbs	41 lbs

### Notes:

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



PA58-19 Surface Mount

### System Ordering:

- PA58-19** WideBand 5.1 to 5.8GHz 19dBi Flat Panel Directional Antenna
- PA58-24** WideBand 5.1 to 5.8GHz 24dBi Flat Panel Directional Antenna

### For further information contact:



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