

## PRA-50019 - Panel Antenna with Integrated Enclosure

### Key Features:

- 19 dBi Directional Gain
- Integrated enclosure
- Highest Ingress Protection IP 66/67
- High Quality Construction
- Ultra Low Sidelobes
- Horizontal or Vertical Polarization
- Heavy-Duty Mounting Elements
- 5 Years Warranty
- Easy Elevation and Tilt Adjustment



### Applications:

- 5 GHz Band Wireless LAN
- IEEE 802.11a WLAN Systems
- RLAN
- FWA
- WiMAX

### Description

Panel antenna with integrated enclosure working in 5 GHz band with 19 dBi gain that can be mounted for horizontal or vertical polarization. Perfectly designed for operation under severe weather conditions. A proper materials allow operation in the salt water environment without corrosion. High quality construction of pole mounting elements guarantees an easy elevation and tilt adjust as well as rock-stable operation. It can be used in client stations and as small base stations.

### Electrical Properties

Frequency	4900 - 5900 MHz
Gain	19 dBi
Polarization	Horizontal/Vertical
Beamwidth deg horizontal	20°
Beamwidth deg vertical	20°
VSWR	< 1,5
Impedance	50 Ohm
Front to back ratio	> 20 dB

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**Enclosure Properties**

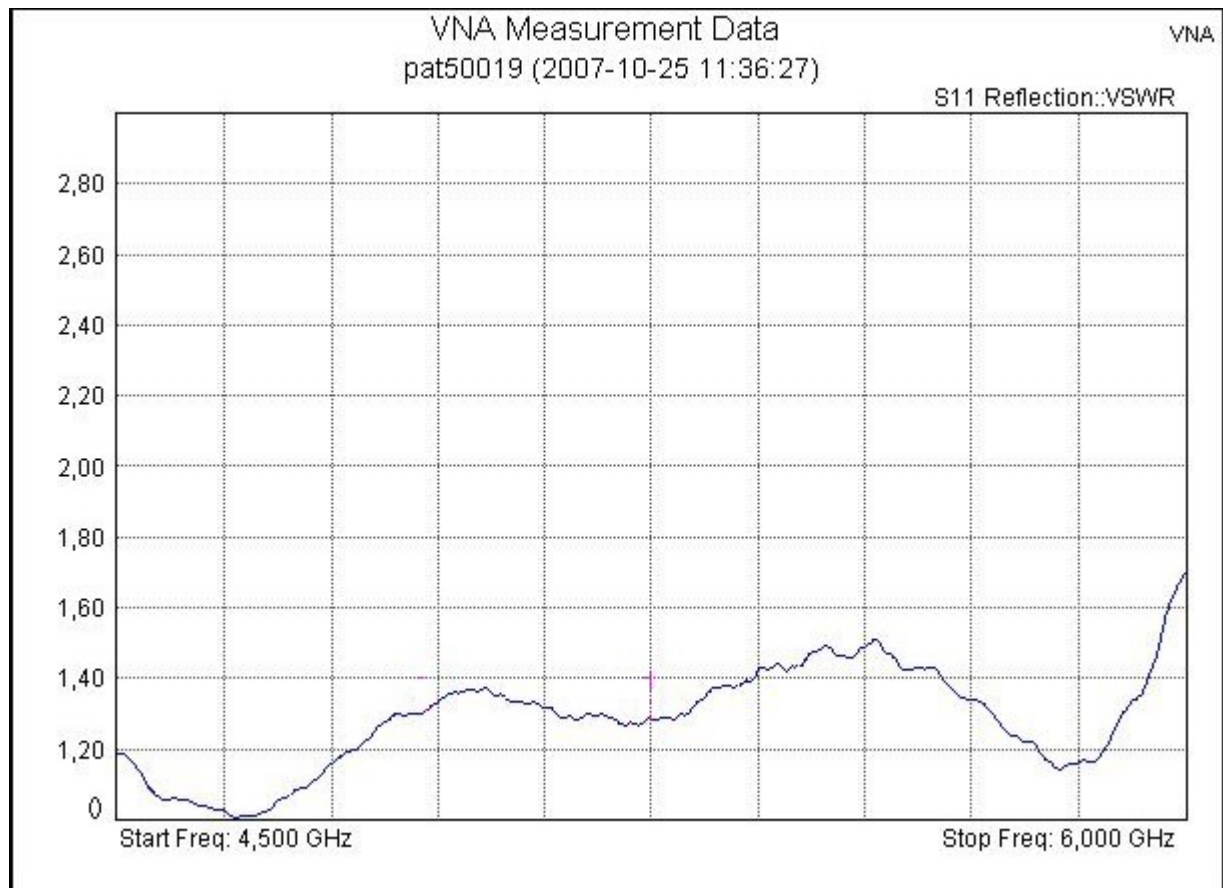
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Material:	Polycarbonate
Cover screws colour:	Grey
Ingress Protection (EN 60529):	IP 66/67
Weight	0.6 kg / 1.3 lbs
Dimensions	180x180x60mm
Inside Dimensions	140x140x35mm
Min temperature °C (short term):	-40
Max temperature °C (short term):	120
Input Connector	RPSMA, optional UFL pigtail or different
Mounting Kit	50.8 mm / 2"

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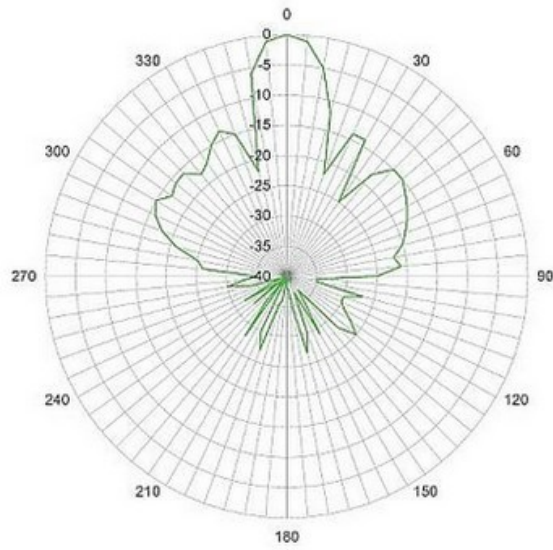
**VSWR**

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Antenna Patterns

Azimuth



Elevation

