

PAT 50019 - 19dBi Directional Panel Antenna**Key Features:**

- 19 dBi Directional Gain
- Superior Performance
- Great Impedance Matching
- Ultra Low Sidelobes
- Horizontal or Vertical Polarization
- Heavy-Duty Mounting Elements
- Easy Elevation Adjustment
- 5 Years Warranty
- Durability in Severe Weather Conditions

**Applications:**

- 5 GHz Band Wireless LAN
- WiFi Access Points
- Wireless HotZones
- Client or Small Base Station

Description

Panel antenna working in 5 GHz frequency with 19 dBi gain. Can be mounted for horizontal or vertical polarization. Antenna is built with very high quality materials, like a construction grade aluminium alloy, UV-inhibited ABS, stainless steel and zinc galvanized U-bolt. Because of reduced sidelobes, antenna keeps clear strong signal even in crowded radio environment. It's resistant to interference from other networks and does not disrupt to other. Designed for operation under severe weather conditions. A proper materials allow operation in the salt water environment without corrosion. Heavy-duty mounting elements guarantees an easy elevation adjust as well as rock-stable operation. It can be used in client stations and as small base stations.

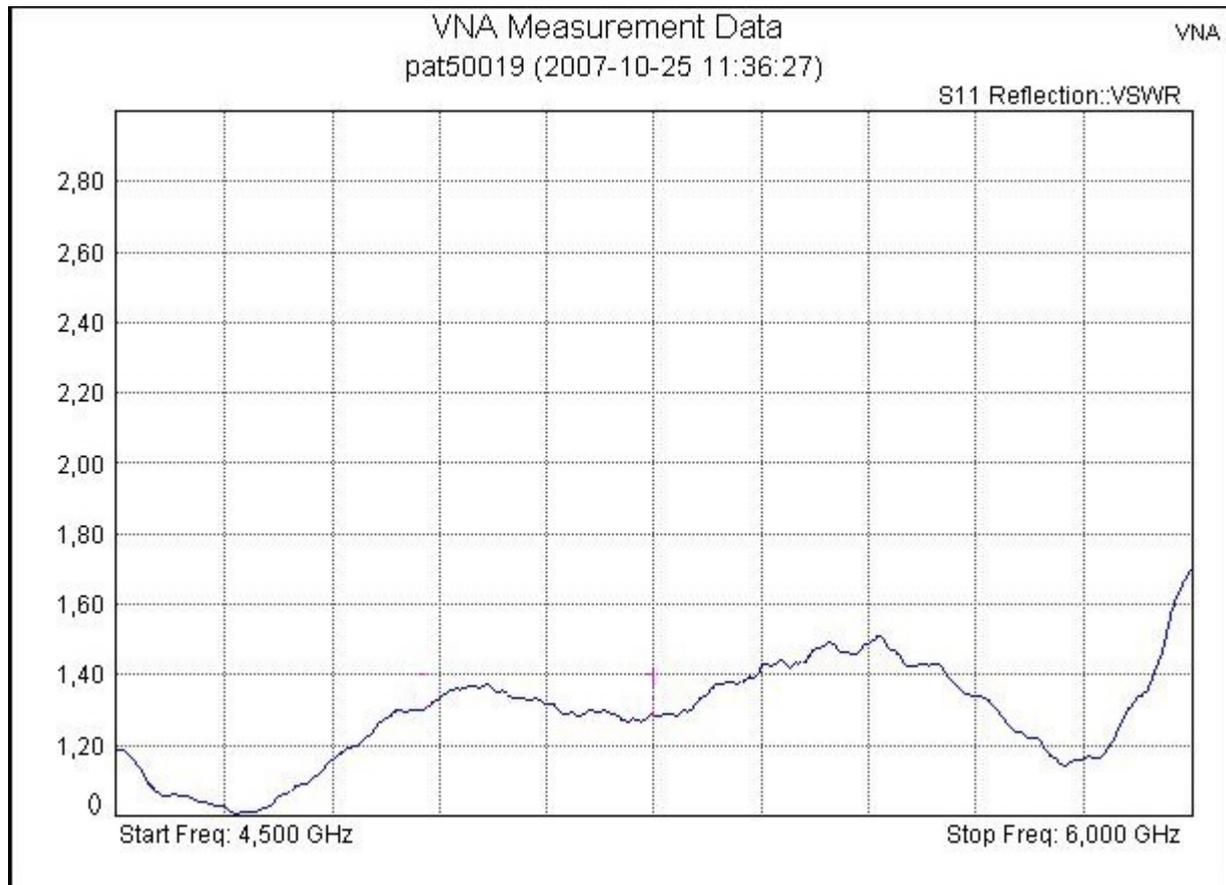
Electrical Properties

Frequency	4900 – 5900 MHz
Gain	19 dBi
Polarization	Horizontal/Vertical
Beamwidth deg horizontal	20°
Beamwidth deg vertical	20°
VSWR	< 1,5
Impedance	50 Ohm
Sidelobe suppression	> 15 dB
Crosspolar rejection	> 15 dB

Mechanical Properties

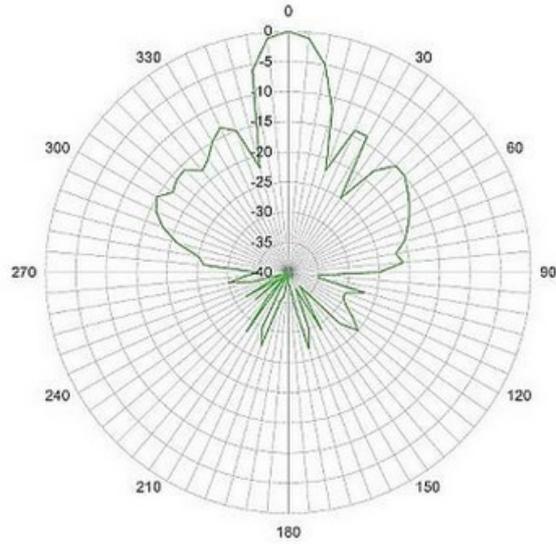
Technology	Microstrip
Input Connector	N-type / female
Dimensions	169x169x20mm/6.8x6.8x0.8"
Weight	0.6 kg
Radome material	UV – inhibited ABS
Color	White
Base material	High quality aluminium alloy
Construction	All – weather operation
Mounting Kit	50.8 mm / 2"

VSWR



Antenna Patterns

Azimuth



Elevation

