



PAT2419

Key Features:

- 19 dBi Directional Gain
- Highest Ingress Protection IP 66
- High Quality Construction
- Horizontal or Vertical Polarization
- Heavy-Duty Mounting Elements
- Easy Elevation and Tilt Adjustment
- 5 Years Warranty
- Designed for All Weather Operation



Applications:

- 2.4 GHz Band Wireless LAN
- IEEE 802.11b/g WLAN Systems
- Point to Point Application

Description:

Panel antenna working in 2.4 GHz frequency with full 19 dBi gain. It can be mounted for horizontal or vertical polarization. Made with very high quality materials, construction grade aluminium alloy, UV-protected plastic cover and zinc galvanized U-bolt. Designed for operation under severe weather conditions. A proper materials allow operation in the salt water environment without corrosion. Heavy-duty mounting elements guarantee an easy elevation adjust as well as rock-stable operation. It can be used in client stations and as a small base stations.

Electrical Properties

Frequency	2.4 - 2.5 GHz
Gain	19dBi
Polarization	horizontal or vertical
Beamwidth deg horizontal	20°
Beamwidth deg vertical	20°
VSWR	<1.6
Impedance	50 ohm
Front to back ratio	> 35 dB

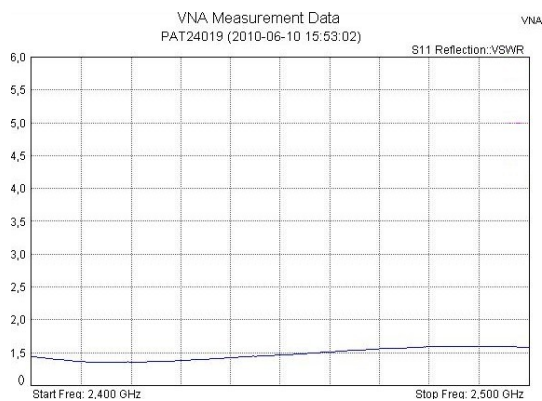
Enclosure Properties

Technology:	Microstrip
Material:	UV protected
Colour:	White
Ingress Protection (EN 60529):	IP 66
Min temperature:	-40°C / -40°F
Max temperature:	80°C / 176°F

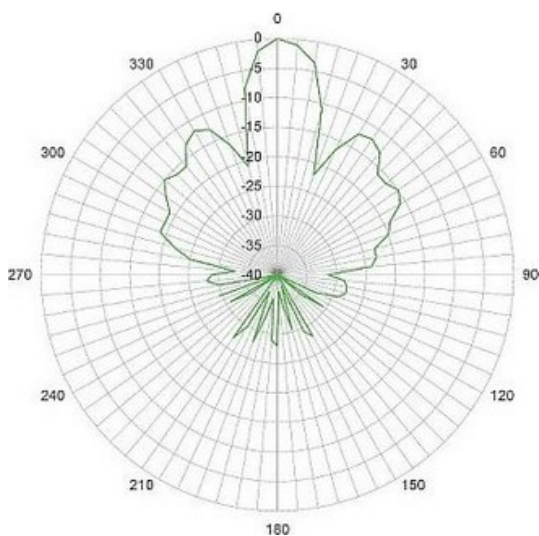
Mechanical Properties

Input Connector	N-type / female
Outside Dimensions	345x345x20mm / 13.6x13.6x0.8"
Weight	1.3kg / 2,9lbs

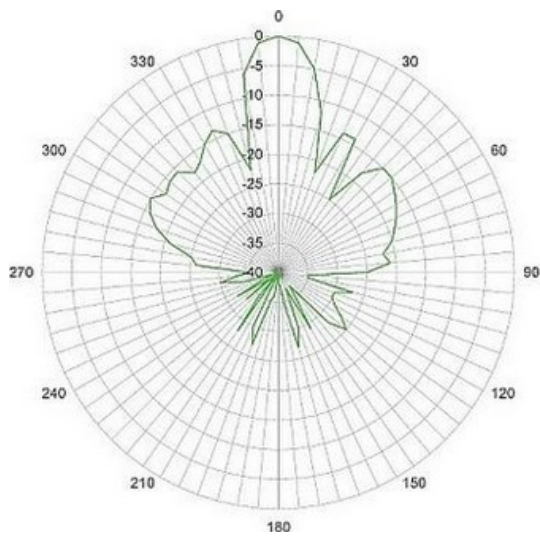
Specification subject to change without notice.



VSWR



V-Plane



H-Plane