



## PAT50016dual H&V

### Key Features:

- 2x16 dBi Directional Gain
- Dual Polarization H&V in One Case
- Outdoor Weatherproof Enclosure
- High Quality Construction
- Heavy-Duty Mounting Elements
- Easy Elevation and Tilt Adjustment
- 5 Years Warranty
- Designed for All Weather Operation



### Applications:

- 5 GHz Band Wireless LAN
- IEEE 802.11a WLAN Systems
- 802.11n/MIMO standard
- Nstreme dual configuration
- Point to Point Applications

### Description:

Antenna working in 5 GHz band with two independent directional panel antennas with 16 dBi gain with vertical and horizontal polarization. It is the ideal solution for MIMO and Nstreme dual configuration. Perfectly designed for operation under severe weather conditions. Proper materials allow operation in the salty water environment without corrosion. High quality construction of pole mounting elements guarantee easy elevation and easy tilt down as well as rock-stable operation. It can be used as customer premise equipment and also as small base stations.

## Electrical Properties

Frequency	5.1 - 5.9 GHz
Gain	2x16dBi
Polarization	dual H&V
Beamwidth deg horizontal	38°
Beamwidth deg vertical	20°
VSWR	<1.8
Impedance	50 ohm
Front to back ratio	> 35 dB
Port Isolation	> 40 dB

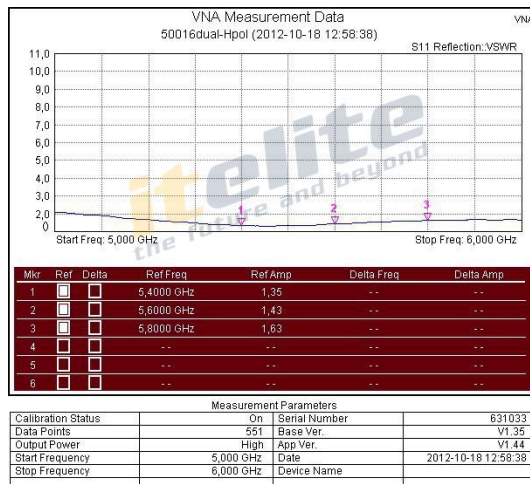
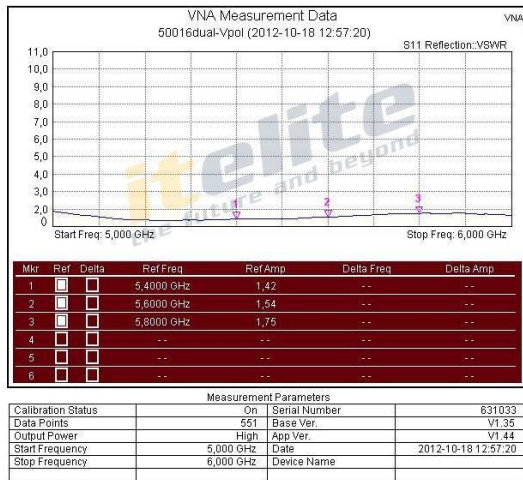
## Enclosure Properties

Technology:	Microstrip
Material:	UV protected
Colour:	White
Min temperature:	-40°C / -40°F
Max temperature:	80°C / 176°F

## Mechanical Properties

Input Connector	N-type / female
Outside Dimensions	169x169x20mm /
Weight	0.6kg / 1.3lbs

Specification subject to change without notice.



VSWR H-port