



## PRA50021

### Key Features:

- 21 dBi Directional Gain
- Integrated enclosure
- Special Outdoor Weatherproof Enclosure Dedicated for Mikrotik RouterBOARDS
- 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:

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

### Description:

Antenna with integrated enclosure working in 5 GHz band with 21 dBi gain that can be mounted for horizontal or vertical polarization. The range includes weatherproof outdoor enclosure with panel antenna and enough compartment for RouterBoard or any other electronic equipment. Enclosure is furnished with special RJ-45 waterproof ethernet connector with an easy connection to Internet Network and PoE. 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. Inside the enclosure are suitable posts for Mikrotik RouterBOARDS 411 and 433 series.

## Electrical Properties

|                          |                        |
|--------------------------|------------------------|
| Frequency                | 5.1 - 5.9 GHz          |
| Gain                     | 21dBi                  |
| Polarization             | horizontal or vertical |
| Beamwidth deg horizontal | 15°                    |
| Beamwidth deg vertical   | 15°                    |
| VSWR                     | <1.5                   |
| Impedance                | 50 ohm                 |
| Front to back ratio      | > 35 dB                |
| Lightning protection:    | DC ground              |

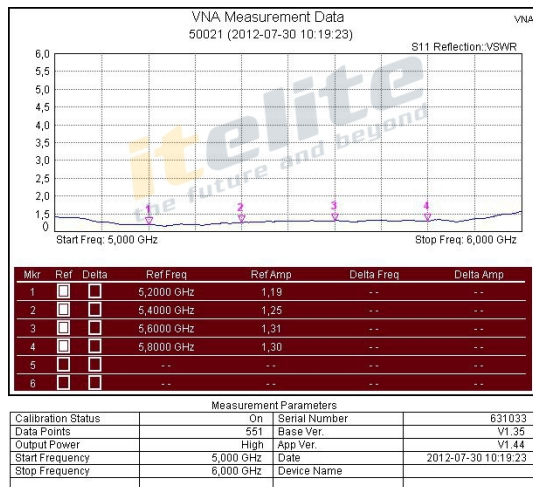
## Enclosure Properties

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

## Mechanical Properties

|                     |  |
|---------------------|--|
| Compatible with:    | RB411 and RB433 series                                       |
| Input Connector     | UFL, MMCX, RPSMA   |
| Enclosure Connector | Waterproof Ethernet Connector RJ45 (or cable gland optional) |
| Outside Dimensions  | 270x270x75mm / 10,6x10,6x2,9"                                |
| Weight              | 1,2kg / 2,65lbs  |

Specification subject to change without notice.



VSWR