



## SRA50023

### Key Features:

- 23 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 23 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, 433 and 600 series.**

### Electrical Properties

Frequency	5.1 - 5.9 GHz
Gain	23dBi
Polarization	horizontal or vertical
Beamwidth deg horizontal	10°
Beamwidth deg vertical	10°
VSWR	<1.4
Impedance	50 ohm
Front to back ratio	> 34 dB
Lightning protection:	DC ground

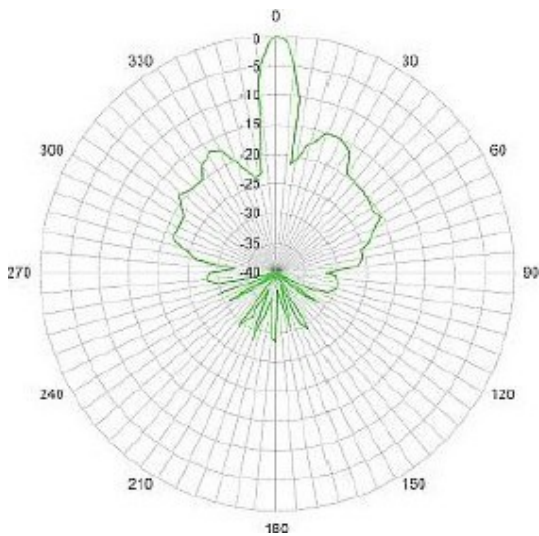
### Enclosure Properties

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

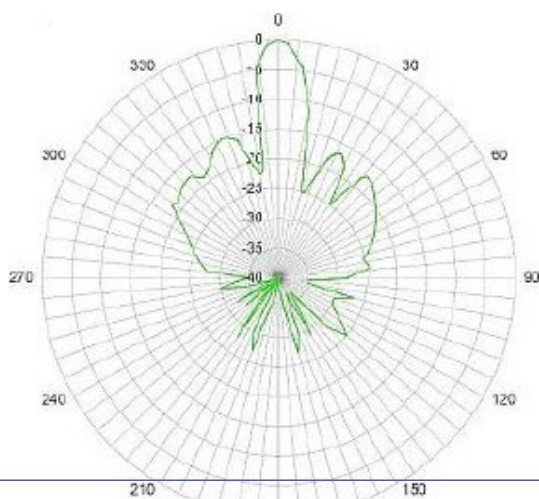
### Mechanical Properties

Compatible with:	RB411, RB433 and RB600 series
Input Connector	UFL, MMCX, RPSMA
Enclosure Connector	Waterproof Ethernet Connector RJ45 (or cable gland optional)
Outside Dimensions	385x385x80mm /
Weight	2.4kg / 5.3lbs

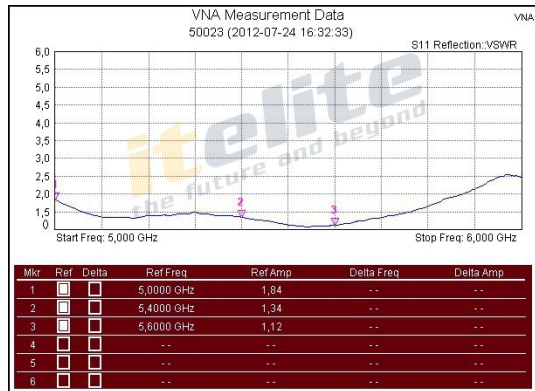
Specification subject to change without notice.



V-Plane



H-Plane



Measurement Parameters			
Calibration Status	On	Serial Number	631033
Data Points	551	Base Ver.	V1.35
Output Power	High	App Ver.	V1.44
Start Frequency	5,000 GHz	Date	2012-07-24 16:32:33
Stop Frequency	6,000 GHz	Device Name	

VSWR