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

Available in E version

SRA50023e

Economy version with cable gland.

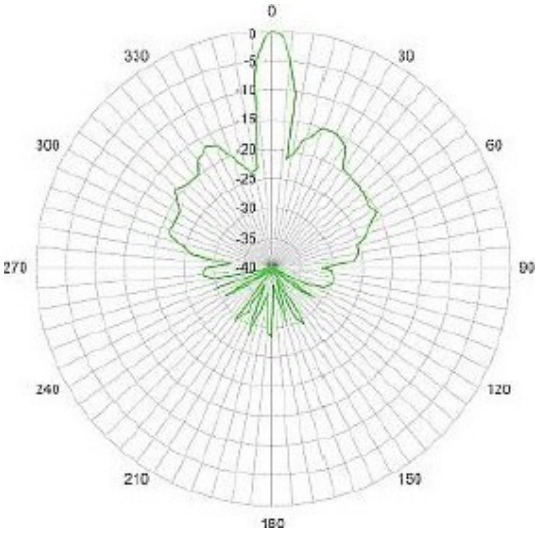
Description:

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

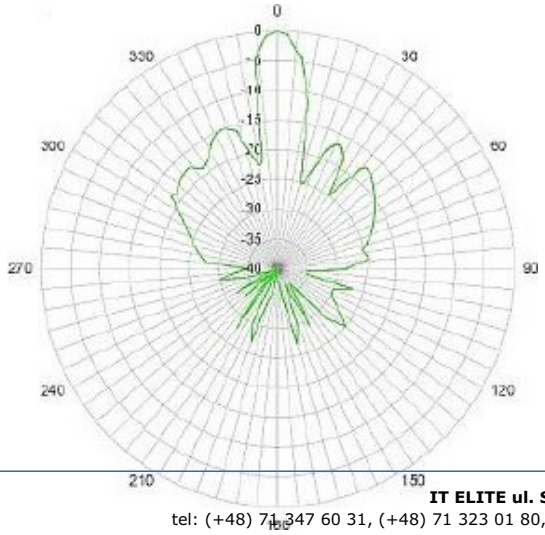
waterproof ethernet connector with an easy connection to Internet Network and PoE. Perfectly designed for operation under severe weather conditions. Proper materials allow operation in the salty water environment without corrosion. High quality construction of pole mounting elements guarantee easy elevation and easy tilt down as well as rock-stable operation. It can be used as customer premise equipment and also as a base stations. Inside the enclosure there are suitable posts for all Mikrotik Routerboards, mounting for Ubiquiti Rocket and for other radios.

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.

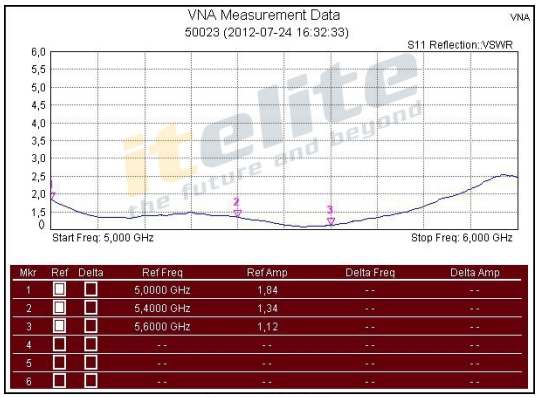


V-Plane



IT ELITE ul. Szybowcowa 36/21 54-130 Wroclaw Poland
tel: (+48) 71 347 60 31, (+48) 71 323 01 80, fax: (+48) 71 323 01 81, e-mail: sales@itelite.net , www: http://www.itelite.net/

H-Plane



Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	☐	☐	5,0000 GHz	1,84	- -	- -
2	☐	☐	5,4000 GHz	1,34	- -	- -
3	☐	☐	5,6000 GHz	1,12	- -	- -
4	☐	☐	- -	- -	- -	- -
5	☐	☐	- -	- -	- -	- -
6	☐	☐	- -	- -	- -	- -

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