



## PRO-SEC2415H

### Key Features:

- 15 dBi Sectorial Gain
- Professional Sector Antenna with Space for Electronics
- Special Outdoor Weatherproof Enclosure Dedicated for Mikrotik RouterBOARDS
- Highest Ingress Protection IP 66
- High Quality Construction
- Horizontal 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 Multipoint Applications

### Description:

Professional Sector antenna with space for electronics working in 2.4 GHz band with 15 dBi gain horizontal polarization. The range includes weatherproof outdoor enclosure with sector 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. Professional mounting system with 0-15 degrees scale guarantees easy and smooth tilt down as well as rock-stable operation. This product is well suited to point to multipoint applications for highly professional solutions. Inside the enclosure are suitable posts for **Mikrotik RouterBOARDS 411 and 433 series**.

### Electrical Properties

Frequency	2.4 - 2.5 GHz
Gain	15dBi
Polarization	horizontal
Beamwidth deg horizontal	90°(-3dB), 120°(-6dB)
Beamwidth deg vertical	12°
VSWR	<1,8
Impedance	50 ohm
Front to back ratio	> 35 dB
Lightning protection:	DC ground

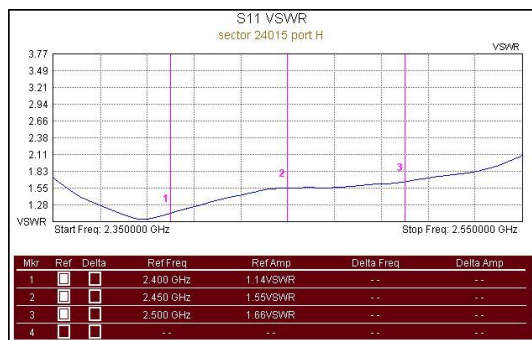
### Enclosure Properties

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

Compatible with:	RB411 and RB433 series
Input Connector	UFL, MMCX, RPSMA
Enclosure Connector	Waterproof Ethernet Connector
Outside Dimensions	580x150x60mm / 22.8x5.9x2.4"
Weight	2.1kg / 4.7lbs

Specification subject to change without notice.



Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	2.400 GHz	1.14VSWR	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	2.450 GHz	1.55VSWR	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	2.500 GHz	1.66VSWR	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Measurement Parameters			
Calibration Status	On, FlexCal	Model	M82026A
Data Points	551	Options	
Output Power	High	Serial Number	631033
RF Immunity	Low	Base Ver.	V3.51
Averaging	OFF	App Ver.	V1.88
Smoothing %	0	Date	1/18/2014 8:15:56 AM
Operator Name		Device Name	
Tower			