



PRO-SEC5016V

Key Features:

- 16 dBi Sectorial Gain
- Professional Sector Antenna with Space for Electronics
- **Shielded Radio Compartment**
- Special Outdoor Weatherproof Enclosure Dedicated for Mikrotik RouterBOARDS
- Highest Ingress Protection IP 66
- High Quality Construction
- Vertical Polarization
- Heavy-Duty Mounting Elements
- Easy Elevation and Tilt Adjustment
- 5 Years Warranty
- Designed for All Weather Operation



Applications:

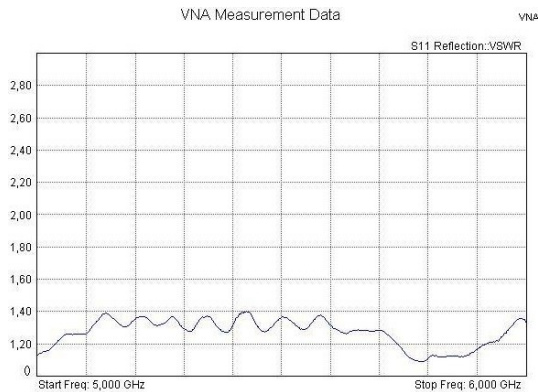
- 5 GHz Band Wireless LAN
- IEEE 802.11a WLAN Systems
- RLAN
- WiMAX
- Point to Multipoint Applications

Description:

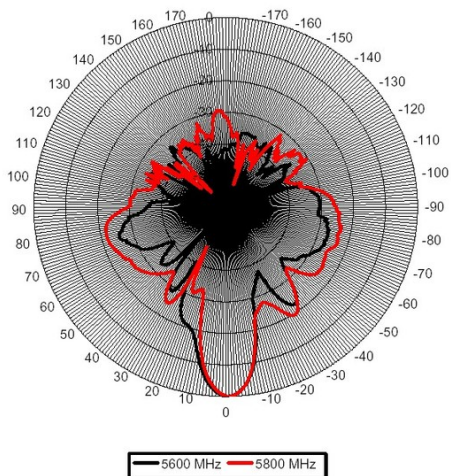
Professional Sector antenna with space for electronics working in 5 GHz band with 16 dBi gain vertical polarization. The range includes weatherproof outdoor enclosure with sector antenna and enough compartment for RouterBoard or any other electronic equipment. Enclosure is furnished with special RJ-45 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 RouterBOARS 411 and 433 series**.

Electrical Properties	
Frequency	5.1 - 5.9 GHz
Gain	16dBi
Polarization	vertical
Beamwidth deg horizontal	90°(-3dB), 120°(-6dB)
Beamwidth deg vertical	10°
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

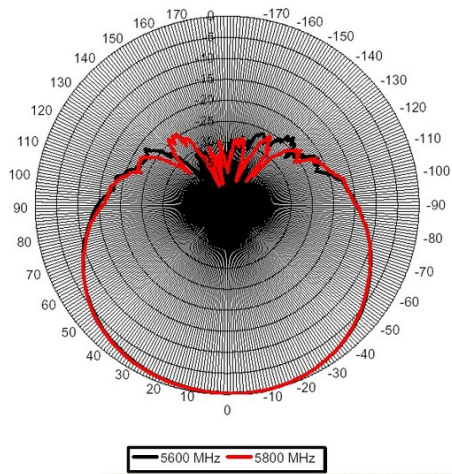
Specification subject to change without notice.



VSWR



V-Plane



H-Plane