



## PRA3519

### Key Features:

- 19 dBi Directional Gain
- Integrated enclosure
- Special Outdoor Weatherproof Enclosure Dedicated for Mikrotik RouterBOARDS
- High Quality Constructio
- Horizontal or Vertical Polarization
- Heavy-Duty Mounting Elements
- Easy Elevation and Tilt Adjustment
- 5 Years Warranty
- Designed for All Weather Operation



### Applications:

- 3.5 GHz Band Wireless LAN
- WiMAX

### Available in E version

PRA3519-e

Economy version with cable gland.

### Description:

Antenna with integrated enclosure working in 3.5 GHz band with 19 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 RouterBOARS 411 and 433 series.

### Electrical Properties

Frequency	3.4 - 3.7 GHz
Gain	19dBi
Polarization	horizontal or vertical
Beamwidth deg horizontal	20°
Beamwidth deg vertical	20°
VSWR	<1,8
Impedance	50 ohm
Front to back ratio	> 35 dB
Lightning protection:	DC ground

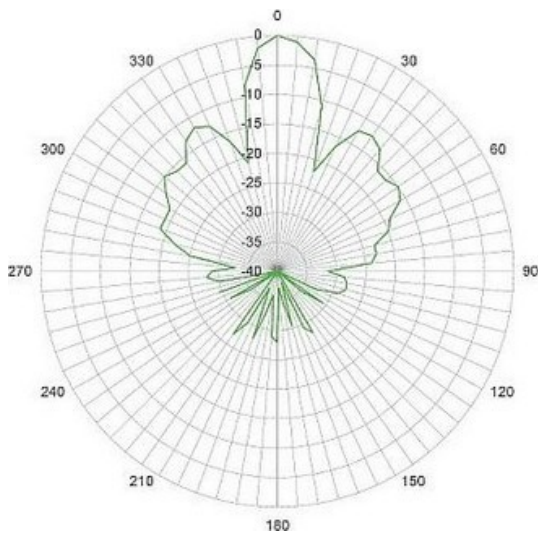
### Enclosure Properties

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

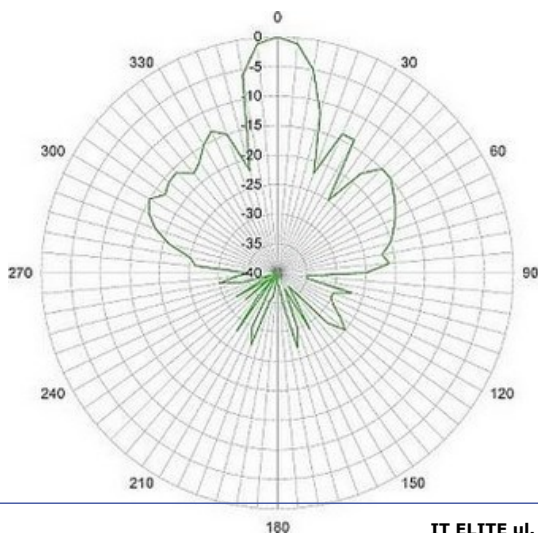
### Mechanical Properties

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.



V-Plane



H-Plane