

**PRA50019 dual H&V - 2x19dBi Panel Antenna with Radio Compartment**

Key Features:

- **2x19 dBi Panel Antenna**
- **Dual Polarization H&V in One Case**
- Weatherproof Enclosure for Outdoor Use
- Large Radio Compartment
- High Quality Construction
- **MIKROTIK FRIENDLY**
- Great Impedance Matching
- 5 Years Warranty
- Heavy-Duty Mounting Elements
- DC ground



Applications:

- 5 GHz Band Wireless LAN
- **Nstreme dual configuration**
- **802.11n/MIMO standard**
- Point to Point Applications

Description

- Integrated Radio/Units

An antenna with multipurpose enclosure working in 5 GHz band with two independent directional panel antennas with 19 dBi gain with vertical and horizontal polarization. It is the ideal solution for MIMO and Nstreme dual configuration with RouterBOARD or ALIX devices. The range includes weatherproof outdoor enclosure with integrated two panel antennas and enough compartment for RouterBoard or any other electronic equipment. Inside the enclosure there is an attached, special RJ-45 waterproof ethernet connector with easy connection to Internet Network and PoE. Because of reduced sidelobes, antenna keeps clear strong signal even in crowded radio environment. It's resistant to interference from other networks and does not disrupt to other. High quality construction of pole mounting elements guarantees an easy elevation adjust. This product is well suited to point to point applications for highly professional solutions. DPRA50019 dual H&V includes suitable posts for **RB411, RB433 and RB600** series.

Electrical Properties

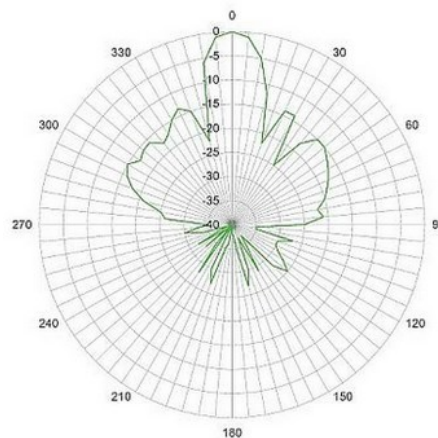
Frequency	5100 – 6000 MHz
Gain	2x19 dBi
Polarization	Dual Polarization (H&V)
Beamwidth deg horizontal	20°
Beamwidth deg vertical	20°
VSWR	< 1.7
Impedance	50 Ohm
Sidelobe suppression	> 20 dB
Front to back ratio	> 25 dB

## Properties

Technology	Microstrip
Antenna Connector	2xUFL pigtail included (MMCX optional)
Input Connector	RJ-45 waterproof ethernet connector
Outside Dimensions	385x385x80 mm
Inside Dimensions	320x320x50 mm
Weight	2.2kg
Material	UV protected
Color	Gray
Construction	All – weather operation
Mounting Kit	50.8 mm

## Antenna Patterns

### Azimuth



### Elevation

