

**PRA50023 - Panel Antenna with Integrated Enclosure**Key Features:

- 23 dBi Directional Gain
- Integrated enclosure
- Large Radio Compartment
- Highest Ingress Protection IP 66/67
- High Quality Construction
- Ultra Low Sidelobes
- Horizontal or Vertical Polarization
- Heavy-Duty Mounting Elements
- 5 Years Warranty
- Easy Elevation and Tilt Adjustment

Applications:

- 5 GHz Band Wireless LAN
- IEEE 802.11a WLAN Systems
- Point to Point Applications
- Wimax

Description

Panel antenna with integrated enclosure working in 5 GHz band with 23 dBi gain that can be mounted for horizontal or vertical polarization. Perfectly designed for operation under severe weather conditions. A proper materials allow operation in the salt water environment without corrosion. High quality construction of pole mounting elements guarantees an easy elevation and tilt adjust as well as rock-stable operation. It can be used in client stations and radio links. **PRA50023 dual includes suitable posts for RB411, RB433 and RB600 series.**

Electrical Properties

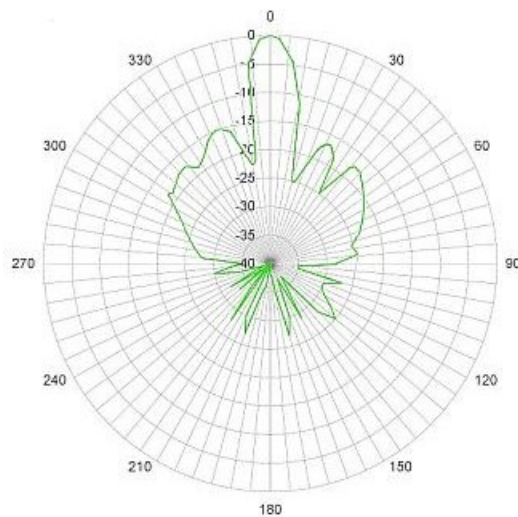
Frequency	5100 - 5900 MHz
Gain	23 dBi
Polarization	Horizontal/Vertical
Beamwidth deg horizontal	10°
Beamwidth deg vertical	10°
VSWR	< 1,7
Impedance	50 Ohm
Front to back ratio	> 20 dB

## Enclosure Properties

Technology	Microstrip
Antenna Connector	UFL 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

