

PRA-24014 - Panel Antenna with Integrated Enclosure

Key Features:

- 14 dBi Directional Gain
- Integrated enclosure
- Highest Ingress Protection IP 66/67
- High Quality Construction
- Horizontal or Vertical Polarization
- 5 years warranty
- Easy Elevation and Tilt Adjustment
- Designed for All Weather Operation



Applications:

- 2.4 GHz ISM Band Wireless LAN
- WiFi Access Points
- Wireless HotZones
- Client or Small Base Station

Description

Panel antenna with integrated enclosure working in 2.4 GHz band with 14 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 as small base stations.

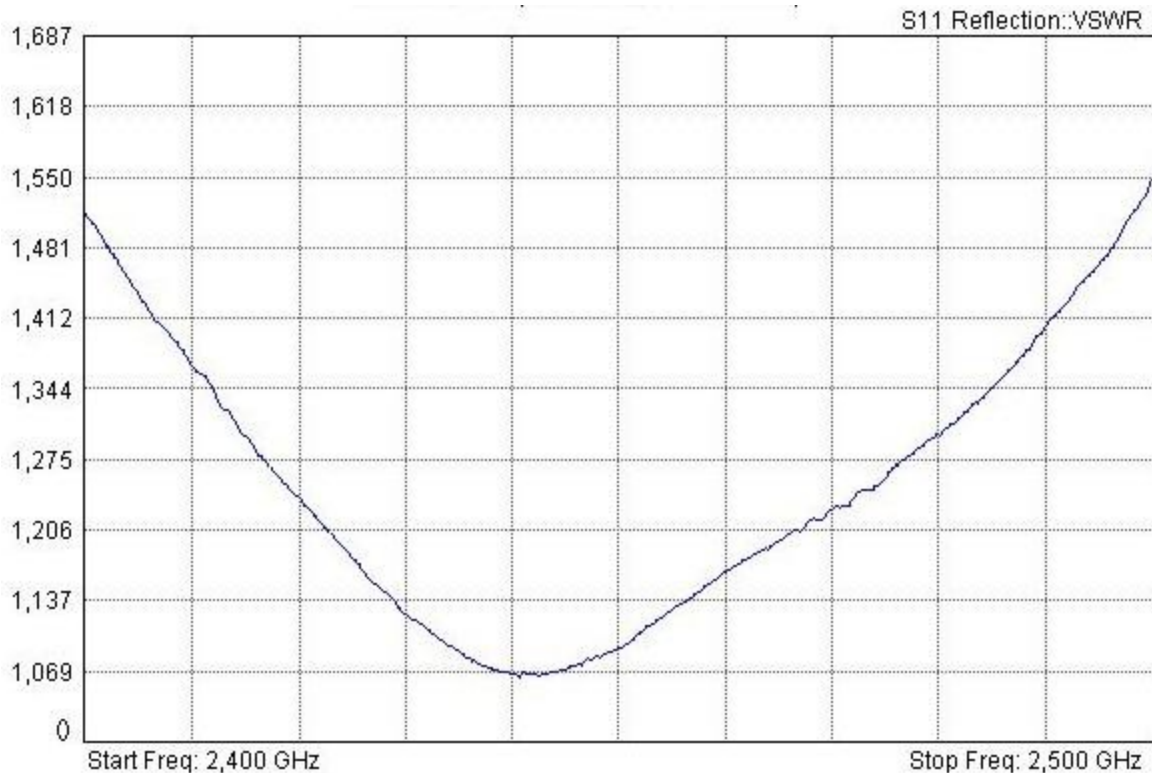
Electrical Properties

| | |
|--------------------------|---------------------|
| Frequency | 2400 – 2500 MHz |
| Gain | 14 dBi |
| Polarization | Horizontal/Vertical |
| Beamwidth deg horizontal | 38° |
| Beamwidth deg vertical | 38° |
| VSWR | < 1,5 |
| Impedance | 50 Ohm |
| Front to back ratio | > 20 dB |

Enclosure Properties

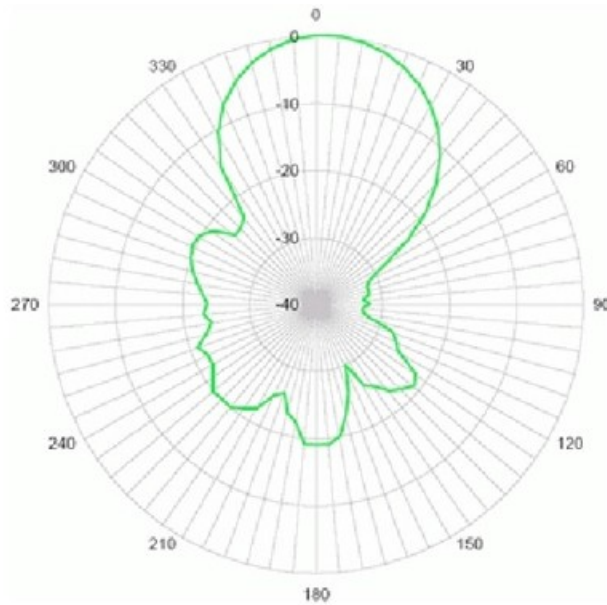
| | |
|----------------------------------|--|
| Material: | Polycarbonate |
| Cover screws colour: | Grey |
| Ingress Protection (EN 60529): | IP 66/67 |
| Weight | 0.6 kg / 1.3 lbs |
| Dimensions | 180x180x60mm |
| Inside Dimensions | 140x140x35mm |
| Min temperature °C (short term): | -40 |
| Max temperature °C (short term): | 120 |
| Input Connector | RPSMA, optional UFL pigtail of different |
| Mounting Kit | 50.8 mm / 2" |

VSWR



Antenna Patterns

Azimuth



Elevation

