Item no.: PRA50021U

PRA5021-E - 5 GHz, 21 dBi Panel Antenna + Enclosure

from **28,⁶² EUR**

Item no.: PRA50021U
shipping weight: 1.40 kg
Manufacturer: ITELITE

📄 Product Description

IT ELITE PRA50021 - 5 GHz, 21 dBi Panel Antenna + Enclosure

PRA50021 is a compact, weatherproof outdoor enclosure (IP66/67) featuring a panel 5 GHz antenna operating from 5.1 GHz to 5.9 GHz with a steady gain of 21 dBi across the band.

Specifically designed for operation under severe weather conditions, since proper materials allow operation without the risk of corrosion even in saltwater environments. High-quality construction of the pole mounting elements guarantee an easy elevation and tilt adjustment, as well as rock-stable operation.

It can be used as a client station and as a small base station. The enclosure is compatible with MikroTik RouterBOARDs of the 411 and 433 series.

Key Features:

- 21 dBi gain
- Highest Ingress Protection Rating IP 66/67
- High-quality construction
- Ultra low sidelobes
- Horizontal or vertical polarization
- Heavy-duty mounting elements
- Easy elevation and tilt adjustment
- Special outdoor weatherproof enclosure
- Suitable for Mikrotik RouterBOARDs

Applications

- 5 GHz band Wireless LAN
- IEEE 802.11a WLAN systems
- RLAN
- FWA
- WiMAX

Electrical Properties

- Frequency: 5.1 - 5.9 GHz
- Gain: 21 dBi
- Polarization: Horizontal or vertical
- Beamwidth deg horizontal: 15°
- Beamwidth deg vertical: 15°
- VSWR:
- Impedance: 50 ohms
- Front-to-back ratio: > 35 dB

Mechanical Properties

- Material: ABS
- Color: Grey
- Ingress Protection Rating (EN 60529): IP66/67
- Weight: 1.2 kg
- Dimensions: 270 x 270 x 75 mm
- Inside dimensions: 255 x 255 x 35mm
- Min. temperature °C (short term): -40
- Max. temperature °C (short term): 120
- Input connector: SMA female, optional U.FL or MMCX pigtail
- Mounting kit: 50.8 mm / 2"
- Distance pieces for board:

- Distance high: 19 mm
- Material thickness of the board: 1,6 mm
- Borehole: 4 mm

🗎 Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability