Item no.: PRO_SEC_24015V

PRO-SEC2415V - 2.4 GHz, 15 dBi Sector Antenna Box

from **62,⁵⁴ EUR**

Item no.: PRO_SEC_24015V
shipping weight: 1.80 kg
Manufacturer: ITELITE

📄 Product Description

IT ELITE PRO-SEC24015V - 2.4 GHz, 15 dBi Sector Antenna BoxProfessional Sector antenna working in the 2.4 GHz band with 15 dBi gain and vertical polarization. The weatherproof outdoor enclosure with sector antenna has enough space for RouterBOARD or any other electronic equipment. The enclosure is equipped with a special RJ-45 waterproof ethernet connector for an easy connection to network and PoE. Specifically designed for operation under severe weather conditions, since proper materials allow operation without the risk of corrosion even in saltwater environments.

Professional mounting system with 0-15 degrees scale guarantees easy and smooth tilt adjustment, as well as rock-stable operation. This product is ideal for point to multipoint applications for highly professional solutions. Inside the enclosure are suitable posts for models of the MikroTik RouterBOARD 411 and 433 series.

Key Features:

- 15 dBi sectorial gain
- Special outdoor weatherproof enclosure
- Highest International Protection Rating IP 66
- High-quality construction
- Minimized sidelobe levels
- Vertical polarization
- Heavy-duty mounting elements
- Easy elevation and tilt adjustment
- Designed for all-weather operation

Applications:

- 2.4 GHz Band Wireless LAN
- IEEE 802.11b/g WLAN Systems
- Point to Multipoint applications

Electrical Properties

- Frequency: 2.4 - 2.5 GHz
- Gain: 15 dBi
- Polarization: vertical
- Beamwidth deg horizontal: 90°(-3 dB), 120°(-6 dB)
- Beamwidth deg vertical: 12°
- VSWR:
- Impedance: 50 Ohm
- Front to back ratio: > 35 dB
- Lightning protection: DC ground

Mechanical Properties

- Compatible with: RB411 and RB433 series
- Input connector: SMA female, U.FL or MMCX pigtail optional
- Enclosure connector: waterproof ethernet connector
- Outside dimensions: 580 x 150 x 60 mm / 22.8 x 5.9 x 2.4"
- Weight: 2.1 kg / 4.7 lbs

Enclosure Properties

- Technology: Microstrip
- Material: UV-resistant
- Color: white
- International Protection Rating (EN 60529): IP 66
- Min. temperature: -40 °C / -40 °F
- Max. temperature: 80 °C / 176 °F

Specifications