

Item no.: PAT50023

PAT5023 - IT ELITE PAT50023 - 5 GHz, 23 dBi Outdoor Panel Antenna

38,97 EUR

Item no.: PAT50023
shipping weight: 1.40 kg
Manufacturer: ITELITE



Product Description

IT ELITE PAT50023 - 5 GHz, 23 dBi Outdoor Panel Antenna Panel antenna working in the 5 GHz frequency with 23 dBi gain. Can be mounted for horizontal or vertical polarization. Antenna is built with very high-quality materials, like an industrial-grade aluminium alloy, UV-inhibited ABS, stainless steel and zinc galvanized U-bolt.

Because of reduced sidelobes, the antenna reaches an extremely high data throughput and keeps a clear, strong signal even in crowded radio environments. It's resistant to interference from other networks and does not disrupt others. Designed for operation under severe weather conditions, since proper materials allow operation without the risk of corrosion even in saltwater environments. The high-quality construction of the pole mounting elements guarantees an easy elevation and tilt adjustment as well as a rock-stable operation.

It can be used as a client station and small base station. Key features:

- 23 dBi directional gain
- Superior performance
- Extremely high data throughput
- Resistance to interference from other networks
- Great impedance matching
- Horizontal or vertical polarization
- Heavy-duty mounting elements
- Durability in severe weather condition

Applications:

- 5 GHz Band Wireless LAN
- IEEE 802.11a WLAN Systems
- RLAN
- FWA

Electrical Properties

- Frequency: 4900 – 5900 MHz
- Gain: 23 dBi
- Polarization: horizontal or vertical
- Beamwidth deg horizontal: 10°
- Beamwidth deg vertical: 10°
- VSWR: < 1.5
- Impedance: 50 ohms
- Sidelobe suppression: > 22 dB
- Front to back ratio: > 25 dB
- Lighting protection: DC ground

Mechanical Properties

- Technology: Microstrip
- Input Connector: N-type / female
- Dimensions: 350 x 330 x 36 mm / 13 x 13 x 1.4"
- Weight: 1.35 kg / 3 lbs
- Radome material: UV-inhibited ABS
- Color: white
- Base material: high-quality aluminum alloy
- Construction: all-weather operation
- Mounting Kit: 50.8 mm / 2"

Specifications

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

