**PTP/CLIENT ANTENNA**

**WiBOX PA 5-23**

*WiBOX PA 5-23* is a panel antenna (SISO) operating at the frequency band of: 5.1 - 6.0 GHz with 23 dBi gain, in horizontal or vertical polarization (changeable on the front cover). The antenna can be used in point-to-point (PTP) topology for medium and long distance links, bridges, backbones. It can work indoor and outdoor (IP 67). It works with the systems of: WLAN (802.11a). The antenna is integrated with the top quality *WiBOX Large* box system.

### Electrical specification

- **Frequency**: 5.1 - 6 GHz
- **Gain**: 23 dBi
- **VSWR**: < 1.00
- **Beamwidth**: 9°/9°
- **Polarization**: V,H
- **Cross-Polar Isolation**:
- **Front-to-Back Separation between Connectors**: 50 Ω
- **Max Input Power**: 50 W
- **Lighting Protection**: No
- **DC Ground**: Yes

### Mechanic specification

- **Dimensions**: 39.2 x 39.6 x 9.6 cm, 15.43 x 15.59 x 3.78 inch
- **Weight**: 2.7 kg
- **Connector**: RJ45
- **Material**: ABS
- **Waterproof level**: IP67
- **Operating temperature**: from -40°C to 80°C from -40°F to 176°F
- **Wind resistance**: 70km/h

### Mounting Kit

- **Dimensions**: 9.9 x 10.5 x 14.8 cm, 3.9 x 4.13 x 5.83 inch
- **Regulation Range**: +/- 30°
- **Weight**: 0.87 kg
- **Mast Dimensions Range**: 25 - 65mm
- **Material**: Polyamide with fiberglass + galvanized steel U-Bolts

### Features

- Gain for the frequency of 5100 - 6000 MHz 0x 23 dBi
- Polarization V,H for the frequency of 5100 - 6000 MHz
- D x Connector SMA
- Big, ergonomic and voluminous *WiBOX Large* enclosure for radio equipment installation
- Outdoor Waterproof Enclosure *WiBOX Large*
- Designed and resistant for any weather conditions
- RJ45 Waterproof System
- Grounding system protecting against lighting - DC Ground
- 36 Warranty Months

### Systems

- **WLAN - 5 GHz**
- **WiMAX - 5 GHz**
- **RFID - 5725 - 5875 MHz**
- **ISM - 5725-5875 MHz**

### Applications

- **PtP connections**
- **PtM Connections**
- **System Integration**

### Plots

- Radiation pattern Pol 1
- Radiation pattern Pol 2