



## WiBOX PA5-23

Installation space: 34cm x 34cm x 5cm

**WiBOX PA 5-23** is a planar antenna operating at the wide frequency range of 5,1 – 5,85 GHz with 23 dBi gain. It is desired for Point-to-Point connections, bridge connections and Point-to-Multipoint connections as a client antenna where the high-gained antennas are required. The reduced side-lobes level makes a gain more focused into the front direction than the standard antennas. The antenna is integrated with the top quality **WiBOX Large** box system (the installation space is 38 x 38cm x 5 cm). The box has IP67 waterproof level, there is enough room to install almost every of the most popular radio equipment. **WiBOX Large** provides with the possibility to integrate the antenna system with other systems, using the additional connector holes located at the bottom of the **WiBOX**. The waterproof RJ45 connector allows for the PoE standard utilization without a stressful crimping of the RJ45 connector on the installation location (e.g. on the roof or a high mast). The collar around the connectors guarantees the connectors won't get wet. The **WiBOX Large** is made from the durable plastic material resistant against the UV radiation and bad weather conditions. The special reinforced **WiMount bracket**, made from fiberglass ensures the stability even in case of the strong wind. **WiBOX PA 5-23** can work at the vertical or horizontal polarization. It comes with SMA connector.



### Specification

|                        |                                   |
|------------------------|-----------------------------------|
| Frequency              | 5100-5850MHz                      |
| Gain                   | 23dBi                             |
| Polarization           | H,V                               |
| Beamwidth Horizontal   | 9°                                |
| Beamwidth Vertical     | 9°                                |
| Fronto to back         | N/A                               |
| VSWR                   | < 2                               |
| Impedacja              | 50 Ω                              |
| Connector              | RJ-45 & SMA                       |
| Mast Mounting System O | 60 (2,76") mm (inch)              |
| Waterproof Outdoor BOX | IP 67                             |
| Operating Temperature  | -40 + 70 °C                       |
| Weight                 | 2,7 kg                            |
| Dimensions             | 400x400x110 (15,75"x15,75"x4,33") |
| Wind Loading           | 70 km/h (43,5 mph)                |
| Warranty               | 36                                |

### Features

- 23 dBi Directional Gain
- Outdoor Waterproof **WiBOX Large**
- Big and convenient **WiBOX Large** for radio equipment installation
- RJ45 waterproof system
- Adjustable tilt pole mount - **WiMount**
- Horizontal or Vertical Polarization
- High Quality Construction
- Type SMA connector
- DC Grounded for lightning protection
- **WiMount** Heavy-Duty Mounting Elements
- 3 Years Warranty
- Designed for All Weather Operation

### Applications

- 5 GHz Band Wireless LAN
- IEEE 802.11a WLAN Systems
- Point to Point Applications
- Client antennas
- System Integration
- WIMAX