



PTP/CLIENT ANTENNA

WiBOX PA 24-15

WiBOX PA 24-15 is a **panel antenna (SISO)** operating at the frequency band of: **2.4 – 2.5 GHz** with **15 dBi** gain, in **horizontal** or **vertical** polarization (changeable on the front cover). The antenna can be used in **point-to-point (PTP)** topology for short and medium distance links as bridges, backbones, or as a client antenna. It can work **indoor and outdoor (IP 67)**. It works with the systems of: **WLAN (802.11b/g)**. The antenna is integrated with the top quality **WiBOX Medium** box system.

ROHS



Electrical specification

| | |
|-------------------------------|---------------|
| Frequency | 2.3 - 2.5 GHz |
| Gain | 15 dBi |
| VSWR | <2.00 |
| Beamwidth | 30°/30° |
| Polarization | V,H |
| Cross-Polar Isolation | |
| Front-to-Back | |
| Separation between Connectors | |
| Impedance | 50 Ω |
| Max Input Power | 50 W |
| Lighting Protection | No |
| DC Ground | Yes |

Mechanic specification

| | |
|-----------------------|---|
| Dimensions | 27.2 x 27.6 x 9.6 cm 10.71 x 10.87 x 3.78 inch |
| Weight | 1.6 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 |
| Most Dimensions Range | 25 - 65mm |
| Material | Polyamide with fiberglass + galvanized steel U-Bolts |

Features

- › Gain for the frequency of 2300 - 2500 MHz 0x 15 dBi
- › Polarization V,H for the frequency of 2300 - 2500 MHz
- › 0 x Connector
- › Big, ergonomic and voluminous **WiBOX Medium** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiBOX Medium**
- › Designed and resistant for any weather conditions
- › RJ45 Waterproof System
- › Grounding system protecting against lighting - DC Ground
- › 36 Warranty Months

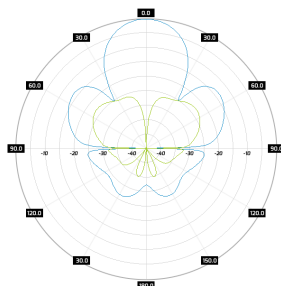
Systems

- › LTE band - 30, 40, 41, 53
- › WLAN - 2.4 GHz
- › WiMAX - 2.3 GHz, 2.5 GHz
- › RFID - 2400 - 2483 MHz
- › Bluetooth - 2400-2483 MHz
- › ISM - 2400-2483 MHz

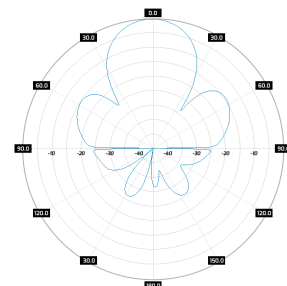
Applications

- › PtP connections
- › PtM Connections
- › System Integration

Plots



Radiation pattern Pol 1



Radiation pattern Pol 2