



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.

ROHS



Electrical specification

Frequency	5.1 - 6 GHz
Gain	23 dBi
VSWR	<2.00
Beamwidth	9°/9°
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	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
- › 0 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 lightning - DC Ground
- › 36 Warranty Months

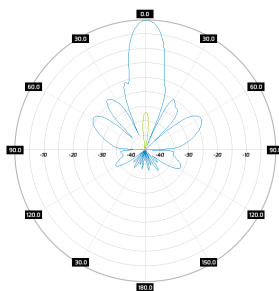
Systems

- › LTE band - 46, 47, 252, 255
- › WLAN - 5 GHz
- › WiMAX - 5 GHz
- › RFID - 5725 - 5875 MHz
- › ISM - 5725-5875 MHz

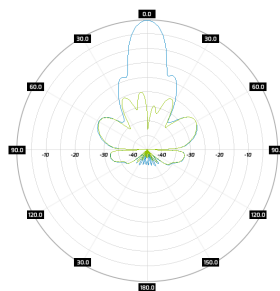
Applications

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

Plots



Radiation pattern Pol 1



Radiation pattern Pol 2