



## PTP/CLIENT ANTENNA

# WiBOX PA 5-20

**WiBOX PA 5-20** is a panel antenna (SISO) operating at the frequency band of: **5.1 – 5.85 GHz** with **20 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 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 (802.11a)**. The antenna is integrated with the top quality **WiBOX Medium** box system.



### Electrical specification

Frequency	5.1 - 5.85 GHz
Gain	20 dBi
VSWR	<2.00
Beamwidth	16°/16°
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
Mast Dimensions Range	25 - 65mm
Material	Polyamide with fiberglass + galvanized steel U-Bolts

### Features

- Gain for the frequency of 5100 - 5850 MHz 0x 20 dBi
- Polarization V,H for the frequency of 5100 - 5850 MHz
- 0 x Connector SMA
- 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 lightning - DC Ground
- 36 Warranty Months

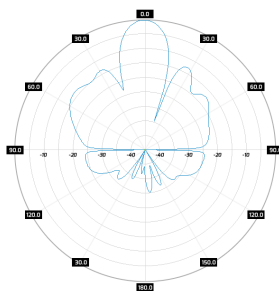
### Systems

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

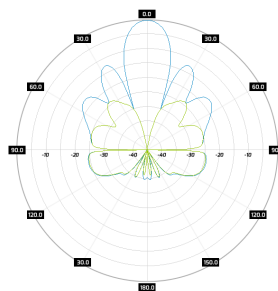
### Applications

- PtP connections
- PtM Connections
- System Integration

### Plots



Radiation pattern Pol 1



Radiation pattern Pol 2