



TRIPLE BAND PTP/CLIENT ANTENNA

WiBOX PA MMB0727-5V for Teltonika

WiBOX PA MMB0727-5V for Teltonika is dedicated to be used with **Teltonika** products of **RUT950** and **RUT955**. It combines **directional LTE antennas with omnidirectional WiFi antennas**. LTE antennas cover the most popular available **LTE bands (3,7, 20, the range 694-2700 MHz)**. **WiBOX PA MMB0727-5V for Teltonika** includes mounting tapes to easy install Teltonika products inside, it comes with appropriate connectors inside, it's the product focused to create complete **IP67 hotspots based on Teltonika routers**. The device can be powered by **PoE (802.3af) - RJ45 waterproof high-quality connector**. Nice and compact shape allows to install that system in visible places without any abuse or damage to environment. **WiBOX PA MMB0727-5V for Teltonika** comes with pigtailed inbuilt inside the antenna, it can be attached to the mast or the wall by **WiMount** mounting system.

NOTE: The installation compartment is: 12,5 x 23 [cm] / 4,9" x 9,06" [inch].

ROHS



Electrical specification

Frequency	<ul style="list-style-type: none"> 0.694 - 0.96 GHz 1.7 - 2.2 GHz 2.2 - 2.7 GHz
Gain	<ul style="list-style-type: none"> 4 dBi 5 dBi 6 dBi
VSWR	<ul style="list-style-type: none"> <1.50, max < 2.00 <1.30, max < 1.60 <1.30, max < 1.60
Beamwidth	<ul style="list-style-type: none"> 90°/90° +/- 30° 90°/90° +/- 30° 90°/90° +/- 30°
Polarization	<ul style="list-style-type: none"> V V V
Cross-Polar Isolation	
Front-to-Back	
Separation between Connectors	
Impedance	50 Ω
Max Input Power	
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	2 kg
Connector	RJ45 & 2xSMA & 2x NF
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 694 - 960 MHz 2x 4 dBi
- ▶ Polarization V for the frequency of 694 - 960 MHz
- ▶ Gain for the frequency of 1700 - 2200 MHz 2x 5 dBi
- ▶ Polarization V for the frequency of 1700 - 2200 MHz
- ▶ Gain for the frequency of 2200 - 2700 MHz 2x 6 dBi
- ▶ Polarization V for the frequency of 2200 - 2700 MHz
- ▶ 2 x Connector SMA & 2x NF
- ▶ 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 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 2305-2360
- ▶ WIMAX - 2.3 GHz, 2.5 GHz, 700 MHz
- ▶ 3G - 2100 MHz, 850 MHz, 900 MHz
- ▶ GSM - 1800 MHz, 1900 MHz, 850 MHz
- ▶ RFID - 2400 - 2483 MHz, 865 - 868 MHz, 902 - 928 MHz
- ▶ ISM - 2400-2483 MHz, 868-870 MHz
- ▶ WLAN - 2.4 GHz
- ▶ Bluetooth - 2400-2483 MHz

Applications

- ▶ Stadiums, Public Places
- ▶ Hotspot
- ▶ PtM Connections
- ▶ System Integration

Compatible with

- ▶ **Teltonika - RUT950, RUT955**