



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 -20°C to 80°C from -4°F to 176°F
Wind resistance	160km/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 do 5V** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiBOX Medium do 5V**
- › 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

Compatible with

- › **Teltonika** - RUT950, RUT955