



## TRIPLE BAND BASE SECTOR ANTENNA

# WiPanel 5G/LTE MIMO 4x4 MT

WiPanel 5G/LTE directional MIMO 4x4 high gain antenna is predicted for 5G and 4G LTE mainly, but is compatible with 3G and 2G as well. The antenna improves the signal in rural/suburban and locations where the mobile signal is weak. That antenna is predicted to be installed on the buildings (on the pole or on the wall). Due to very wide working frequency range, the antenna is universal client for 5G bands n77, n78 and LTE bands like LTE700 / 800 / 1800 / 1900 / 2100 / 2300 / 2600 / 3400 / 3800. It's compatible with **Mikrotik RBM33G** and **RBM11G**, Teltonika and other MIMO 4x4 5G / LTE / 3G / 2G modems and routers.

ROHS



### Electrical specification

Frequency	<ul style="list-style-type: none"> <li>0.694 - 0.96 GHz</li> <li>1.7 - 2.7 GHz</li> <li>3.3 - 3.8 GHz</li> </ul>
Gain	<ul style="list-style-type: none"> <li>7 dBi</li> <li>7 dBi</li> <li>6 dBi</li> </ul>
VSWR	<ul style="list-style-type: none"> <li>&lt;1.70, max &lt; 2.00</li> <li>&lt;1.70, max &lt; 2.00</li> <li>&lt;1.70, max &lt; 2.00</li> </ul>
Beamwidth	<ul style="list-style-type: none"> <li>70°/70° +/- 15°</li> <li>70°/70° +/- 15°</li> <li>70°/70° +/- 15°</li> </ul>
Polarization	<ul style="list-style-type: none"> <li>X</li> <li>X</li> <li>X</li> </ul>
Cross-Polar Isolation	
Front-to-Back	<ul style="list-style-type: none"> <li>&gt; 10 dB</li> <li>&gt; 13 dB</li> <li>&gt; 17 dB</li> </ul>
Separation between Connectors	
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	Yes

### Mechanic specification

Dimensions	39.2 x 39.2 x 9.9 cm 15.43 x 15.43 x 3.9 inch
Weight	3.7 kg
Connector	4xSMA
Material	ABS
Waterproof level	IP67
Operating temperature	from -40°C to 75°C from -40°F to 167°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
Max Dimensions Range	25 - 65mm
Material	Polyamide with fiberglass + galvanized steel U-Bolts

### Features

- › Gain for the frequency of 694 - 960 MHz 4x 7 dBi
- › Polarization X for the frequency of 694 - 960 MHz
- › Gain for the frequency of 1700 - 2700 MHz 4x 7 dBi
- › Polarization X for the frequency of 1700 - 2700 MHz
- › Gain for the frequency of 3300 - 3800 MHz 4x 6 dBi
- › Polarization X for the frequency of 3300 - 3800 MHz
- › 4 x Connector SMA
- › Big, ergonomic and voluminous **WiBOX Large + 4x SMA** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiBOX Large + 4x SMA**
- › Designed and resistant for any weather conditions
- › 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, 22, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 48, 49, 52, 53, 65, 66, 67, 68, 69, 70, 85
- › WiMAX - 2.3 GHz, 2.5 GHz, 3.5 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, 3.6 GHz
- › Bluetooth - 2400-2483 MHz

### Compatible with

- › **Mikrotik** - RBM11G, RBM33G