**HIGH-DENSITY TRIPLE BAND OMNI ANTENNA**

**WiOmni 0727-4V**

WiOmni 0727-4V is an omnidirectional antenna, working in V-polarization, it’s desired for LTE connections. The antenna can be used for the most popular LTE bands (3, 7, 20), frequencies 694-2700 MHz. The system comes with NMale connector and is designed to be mounted on NFemale connector on the BOXes. WiOmni 0727-4V is predicted, among others, for being installed with WIBOX Medium, Large and Extra Large IP67 enslosures (they can be ordered with N-connectors installed).

The antenna doesn’t come with WIBOX enclosures, photos are for demonstrative purposes.

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### Electrical specification

<table>
<thead>
<tr>
<th></th>
<th>0.694 - 0.96 GHz</th>
<th>1.7 - 2.2 GHz</th>
<th>0.0025 - 0.0028 GHz</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frequency</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Gain</strong></td>
<td>2 dB ±1</td>
<td>2 dB ±1</td>
<td>4 dB ±1</td>
</tr>
<tr>
<td><strong>VSWR</strong></td>
<td>&lt;1.80</td>
<td>&lt;1.70</td>
<td>&lt;1.50</td>
</tr>
<tr>
<td><strong>Beamwidth</strong></td>
<td>360°/25° +/- 5°</td>
<td>360°/25° +/- 5°</td>
<td>360°/25° +/- 5°</td>
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<tr>
<td><strong>Polarization</strong></td>
<td>V</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td><strong>Cross-Polar Isolation</strong></td>
<td></td>
<td></td>
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<tr>
<td><strong>Front-to-Back</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Impedance</strong></td>
<td>50 Ω</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Max Input Power</strong></td>
<td>50 W</td>
<td></td>
<td></td>
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<tr>
<td><strong>Lighting Protection</strong></td>
<td>No</td>
<td></td>
<td></td>
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<tr>
<td><strong>DC Ground</strong></td>
<td>No</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Mechanic specification**

- **Dimensions**: 3 x 22 x 0 cm
- **Weight**: 0.2 kg
- **Connector**: 1xN Male
- **Material**: ABS
- **Waterproof level**: IP67
- **Operating temperature**: from -40°C to 80°C, from -40°F to 176°F
- **Wind resistance**: 300km/h

**Mounting Kit**

- **Dimensions**
- **Regulation Range**
- **Weight**
- **Max Dimensions Range**
- **Material**

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### Features

- **Gain for the frequency of 694 - 960 MHz**: 2 dB ±1
- **Polarization V for the frequency of 694 - 960 MHz**: V
- **Gain for the frequency of 1700 - 2200 MHz**: 2 dB ±1
- **Polarization V for the frequency of 1700 - 2200 MHz**: V
- **Gain for the frequency of 2.5 - 2.8 MHz**: 4 dB ±1
- **Polarization V for the frequency of 2.5 - 2.8 MHz**: V
- **1x Connector N Male**
- **Big, ergonomic and voluminous**
- **WiOmni245-7 enclosure for radio equipment installation**
- **Outdoor Waterproof Enclosure**
- **WiOmni245-7**
- **Designed and resistant for any weather conditions**
- **36 Warranty Months**

### Systems

- **LTE band**: 1, 2, 3, 4, 5, 6, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 33, 34, 35, 36, 37, 38, 44
- **WiMAX**: 1000 MHz
- **3G**: 2100 MHz, 850 MHz, 900 MHz
- **GSM**: 1800 MHz, 1900 MHz, 850 MHz
- **RFID**: 865 - 868 MHz, 902 - 928 MHz
- **ISM**: 868-870 MHz

### Applications

- **PtM Connections**
- **PIM Connections**

### Compatible with

- **Teltonika**: RUT230, RUT240, RUT950, RUT955