



## 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 N Male 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** enclosures (they can be ordered with N-connectors installed). Antenna may be use with Mikrotik LTE + LoRa system. *The antenna doesn't come with WiBOX enclosures, photos are for demonstrative purposes.*

ROHS


 UV  
RESISTANT


### Electrical specification

Frequency	<ul style="list-style-type: none"> <li>☒ 0.694 - 0.96 GHz</li> <li>☒ 1.7 - 2.2 GHz</li> <li>☒ 2.5 - 2.8 GHz</li> </ul>
Gain	<ul style="list-style-type: none"> <li>☒ 2 dBi ±1</li> <li>☒ 2 dBi ±1</li> <li>☒ 4 dBi ±1</li> </ul>
VSWR	<ul style="list-style-type: none"> <li>☒ &lt;1.80</li> <li>☒ &lt;1.70</li> <li>☒ &lt;1.50</li> </ul>
Beamwidth	<ul style="list-style-type: none"> <li>☒ 360°/25° +/- 5°</li> <li>☒ 360°/25° +/- 5°</li> <li>☒ 360°/25° +/- 5°</li> </ul>
Polarization	<ul style="list-style-type: none"> <li>☒ V</li> <li>☒ V</li> <li>☒ V</li> </ul>
Cross-Polar Isolation	
Front-to-Back	
Separation between Connectors	
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	No

### Mechanic specification

Dimensions	3 x 22 x 0 cm 1.18 x 8.66 x 0 inch
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	
Mast Dimensions Range	
Material	

### Features

- › Gain for the frequency of 694 - 960 MHz 1x 2 dBi ±1
- › Polarization V for the frequency of 694 - 960 MHz
- › Gain for the frequency of 1700 - 2200 MHz 1x 2 dBi ±1
- › Polarization V for the frequency of 1700 - 2200 MHz
- › Gain for the frequency of 2500 - 2800 MHz 1x 4 dBi ±1
- › Polarization V for the frequency of 2500 - 2800 MHz
- › 1 x 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, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 29, 33, 34, 35, 36, 37, 38, 39, 41, 44, 65, 66, 67, 68, 69, 70, 85
- › WiMAX - 2.5 GHz, 700 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

### Compatible with

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