



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).

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"> ⊗ 0.694 - 0.96 GHz ⊗ 1.7 - 2.2 GHz ⊗ 0.0025 - 0.0028 GHz
Gain	<ul style="list-style-type: none"> ⊗ 2 dBi ±1 ⊗ 2 dBi ±1 ⊗ 4 dBi ±1
VSWR	<ul style="list-style-type: none"> ⊗ <1.80 ⊗ <1.70 ⊗ <1.50
Beamwidth	<ul style="list-style-type: none"> ⊗ 360°/25° +/- 5° ⊗ 360°/25° +/- 5° ⊗ 360°/25° +/- 5°
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	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 2.5 - 2.8 MHz 1x 4 dBi ±1
- › Polarization V for the frequency of 2.5 - 2.8 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, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 33, 34, 35, 36, 37, 39, 44
- › WiMAX - 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