



DUAL BAND OMNI ANTENNA

WiOmni245-7V

WiOmni 245-7V is omnidirectional concurrent panel mount antenna. The antenna is for the omnidirectional data distribution like hotspots or small cells in outdoor environment. The system comes with NMale connector and is designed to be mounted on NFemale connector on the BOXes. **WiOmni 245-7V** 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


 IP67


 UV
RESISTANT


 ABS

Electrical specification

Frequency	<ul style="list-style-type: none"> 2.4 - 2.5 GHz 4.7 - 6 GHz
Gain	<ul style="list-style-type: none"> 6 dBi 7 dBi
VSWR	<ul style="list-style-type: none"> <1.70, max < 2.00 <1.70, max < 2.00
Beamwidth	<ul style="list-style-type: none"> 360°/25° +/- 5° 360°/25° +/- 5°
Polarization	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> from -40°C to 80°C from -40°F to 176°F

Mounting Kit

Dimensions	
Regulation Range	
Weight	
Mast Dimensions Range	
Material	

Features

- › Gain for the frequency of 2400 - 2500 MHz 1x 6 dBi
- › Polarization V for the frequency of 2400 - 2500 MHz
- › Gain for the frequency of 4700 - 6000 MHz 1x 7 dBi
- › Polarization V for the frequency of 4700 - 6000 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

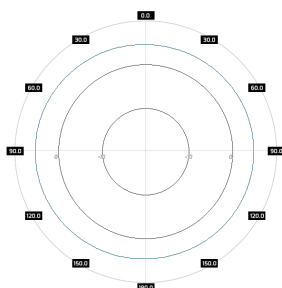
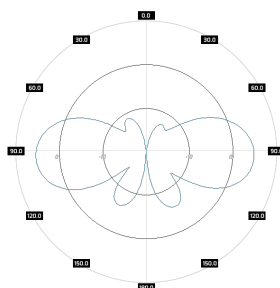
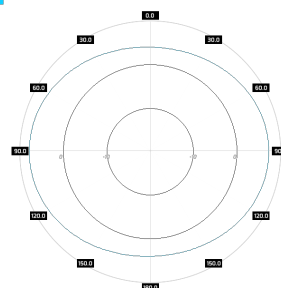
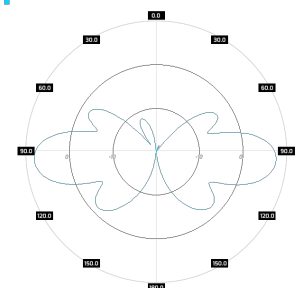
Systems

- › LTE band - 40, 41
- › WLAN - 2.4 GHz, 5 GHz
- › WiMAX - 2.3 GHz, 2.5 GHz, 5 GHz
- › RFID - 2400 - 2483 MHz, 5725 - 5875 MHz
- › Bluetooth - 2400-2483 MHz
- › ISM - 2400-2483 MHz, 5725-5875 MHz

Applications

- › Stadiums, Public Places
- › Hotspot
- › PtM Connections

Plots


 WiOmni245-7V
2.45GHz azimuth

 WiOmni245-7V
2.45GHz, elev.

 WiOmni245-7V
5.5GHz, azimuth

 WiOmni245-7V
5.5GHz, elev.