



TRIPLE BAND OMNI ANTENNA

WiOmni 5G/LTE MIMO 2x2, ver. US

WiOmni 5G/LTE omnidirectional MIMO 2x2 is ultra wideband LTE Outdoor antenna. It's primary designed for LTE/5G/3G/2G devices which require high efficiency connections. The antenna covers many LTE bands including the new Extended LTE Band 71, frequencies: 617 - 3800MHz. The mounting bracket allows the antenna to be installed on the buildings (on the pole or on the wall) as the client antenna or on the moving points like trains, buses, lorries, yachts, boats to receive Internet by LTE/5G/3G/2G. It's ideal solution to use with all industrial and domestic 2x2 LTE modems and routers like: Teltonika, DIGI, Mikrotik, Robustel, Cisco, etc.






Electrical specification

Frequency	<ul style="list-style-type: none"> 0.617 - 0.96 GHz 1.7 - 2.7 GHz 3.3 - 3.8 GHz
Gain	<ul style="list-style-type: none"> 3 dBi 4 dBi 4 dBi
VSWR	<ul style="list-style-type: none"> <1.80, max < 2.00 <1.80, max < 2.00 <1.80, max < 2.00
Beamwidth	<ul style="list-style-type: none"> 360°/35° +/- 5° 360°/35° +/- 5° 360°/35° +/- 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	16 x 24 x 16 cm 6.3 x 9.45 x 6.3 inch
Weight	1.5 kg
Connector	RJ45 & 2xSMA
Material	ABS
Waterproof level	IP67
Operating temperature	from -40°C to 75°C from -40°F to 167°F
Wind resistance	150km/h

Mounting Kit

Dimensions	9 x 12 x 15 cm 3.54 x 4.72 x 5.91 inch
Regulation Range	°
Weight	0 kg
Most Dimensions Range	mm
Material	stainless steel

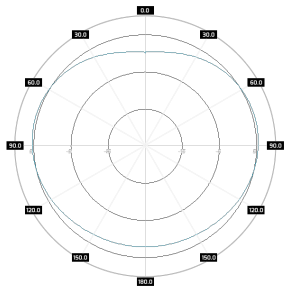
Plots

Features

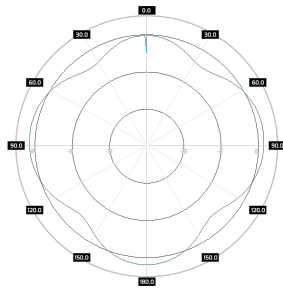
- › Gain for the frequency of 617 - 960 MHz 2x 3 dBi
- › Polarization V for the frequency of 617 - 960 MHz
- › Gain for the frequency of 1700 - 2700 MHz 2x 4 dBi
- › Polarization V for the frequency of 1700 - 2700 MHz
- › Gain for the frequency of 3300 - 3800 MHz 2x 4 dBi
- › Polarization V for the frequency of 3300 - 3800 MHz
- › 2 x Connector SMA
- › Big, ergonomic and voluminous **WiSpot + 2x SMA** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiSpot + 2x SMA**
- › Designed and resistant for any weather conditions
- › RJ45 Waterproof System
- › 36 Warranty Months

Systems

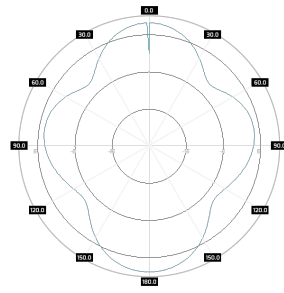
- › LTE band - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 23, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 48, 49, 52, 53, 65, 66, 67, 68, 69, 70, 71, 85
- › WiMAX - 2.3 GHz, 2.5 GHz, 3.5 GHz, 700 MHz
- › 3G - 2100 MHz, 850 MHz, 900 MHz
- › GSM - 1800 MHz, 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



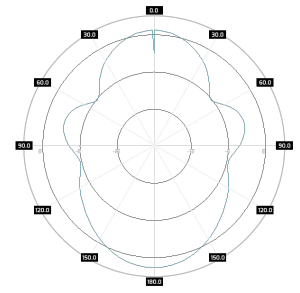
Azimuth
800 Mhz



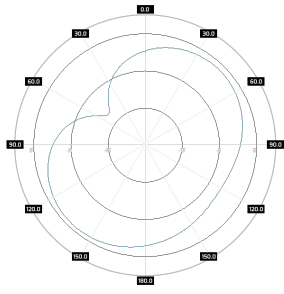
Azimuth
1900 MHz



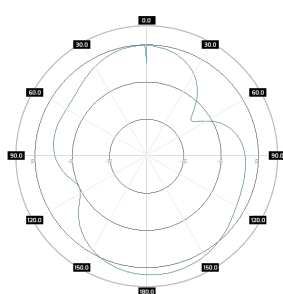
Azimuth
2500 MHz



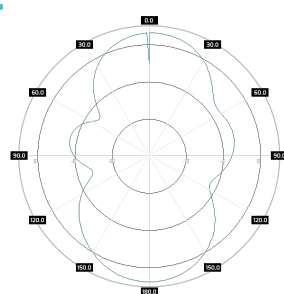
Azimuth
3550 MHz



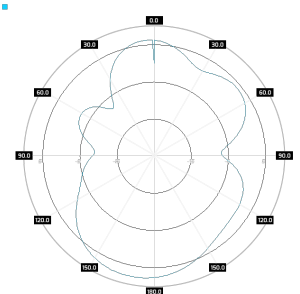
Elevation
800 MHz



Elevation
1900 MHz



Elevation
2500 MHz



Elevation
3550 MHz