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TRIPLE BAND OMNI ANTENNA

WiSpot BOX OA MMB0727-4V_LoRa

WiSpot BOX OA MMB0727-4V_LoRa *is an omnidirectional* ***MIMO 2x2*** *LTE antenna + one additional antenna for LoRa, working in VVV-polarization. The antenna can be used for the most popular* ***LTE bands (3,7, 20), frequencies 694-2700 MHz and also on 868MHz low-power wide-area network technology (LoRa)****. On the bottom side the* ***WiSpot has the full IP67 installation compartment****, where You can easily install an electronic board with LTE modem with LoRa module (i.e. Mikrotik's _____) to get the* ***ready-to-use IP67 device powered by PoE (802.3af) - RJ45 waterproof high-quality connector****. That antenna is predicted to be installed on the buildings as the* ***client antenna****, as the* ***hotspot*** *or on the moving points like* ***trains, buses, lorries, yachts, boats, company or standard cars*** *to receive Internet by* ***LTE****. If You are looking for the solution which will give You the Internet access everywhere, that's the antenna for You.* ***WiSpot BOX OA MMB0727-4V_LoRa*** *can be installed on the mast, a wall or the flat surface like car roofs.*

NOTE: The installation compartment is: 11,3 x 14,5 x 5 [cm] / 4,45´´ x 5,71´´ x 1,97´´ [inch].

ROHS

IP67

UV RESISTANT

ABS

Electrical specification

Frequency	0.863 - 0.87 GHz 0.694 - 0.96 GHz 1.7 - 2.7 GHz
Gain	2 dBi 2 dBi 3 dBi
VSWR	<1.70, max < 2.00 <1.70, max < 2.00 <1.60, max < 2.00
Beamwidth	360°/8° 360°/8° 360°/8°
Polarization	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	1.2 kg
Connector	RJ45 & 1xU.FL
Material	ABS
Waterproof level	IP67
Operating temperature	from -40°C to 80°C from -40°F to 176°F
Wind resistance	150km/h

Mounting Kit

Dimensions	
Regulation Range	
Weight	
Mast Dimensions Range	
Material	

Features

- Gain for the frequency of 863 - 870 MHz 1x 2 dBi
- Polarization V for the frequency of 863 - 870 MHz
- Gain for the frequency of 694 - 960 MHz 1x 2 dBi
- Polarization V for the frequency of 694 - 960 MHz
- Gain for the frequency of 1700 - 2700 MHz 1x 3 dBi
- Polarization V for the frequency of 1700 - 2700 MHz
- 1 x Connector U.FL
- Big, ergonomic and voluminous ***WiSpot*** enclosure for radio equipment installation
- Outdoor Waterproof Enclosure ***WiSpot***
- Designed and resistant for any weather conditions
- RJ45 Waterproof System
- 36 Warranty Months

Systems

- 3G - 2100 MHz, 850 MHz, 850 MHz, 900 MHz
- GSM - 1800 MHz, 1900 MHz, 850 MHz, 850 MHz
- RFiD - 2400 - 2483 MHz, 865 - 868 MHz, 865 - 868 MHz, 902 - 928 MHz
- ISM - 2400-2483 MHz, 868-870 MHz, 868-870 MHz
- 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, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53, 65, 66, 67, 68, 69, 70, 85
- WiMAX - 2.3 GHz, 2.5 GHz, 700 MHz
- WLAN - 2.4 GHz
- Bluetooth - 2400-2483 MHz

Applications

- PtP connections

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