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TRIPLE BAND OMNI ANTENNA WiSpot BOX OA MMB0727-4V

WiSpot BOX OA MMB0727-4V is an omnidirectional MIMO 2x2 antenna, working in VV-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. On the bottom side the WiSpot has the full IP67 installation compartment, where You can easily install a n electronic board with LTE modem 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 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).

Electrical specification

Frequency	⊠ 0.694 - 0.96 GHz ⊠ 1.7 - 2.2 GHz ⊠ 2.2 - 2.7 GHz
Gain	⊠ 2 dBi ⊠ 2 dBi ⊠ 4 dBi
VSWR	∝<1.70, max < 2.00 ∝<1.60, max < 2.00 ∝<1.60, max < 2.00
Beamwidth	⊠360°/8° ⊠360°/8° ⊠360°/8°
Polarization	\overrightarrow{V} \overrightarrow{V} \overrightarrow{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

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Dimensions	16 x 24 x 16 cm 6.3 x 9.45 x 6.3 inch
Weight	1.2 kg
Connector	RJ45 & 2xU.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 694 960 MHz 2x 2 dBi
- > Polarization V for the frequency of 694 -960 MHz
- Gain for the frequency of 1700 2200
 MHz 2x 2 dBi
- > Polarization V for the frequency of 1700 2200 MHz
- Gain for the frequency of 2200 2700 MHz 2x 4 dBi
- > Polarization V for the frequency of 2200 2700 MHz
- > 2 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

- 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
- **>** 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
-) Bluetooth 2400-2483 MHz

Applications

> PtP connections

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