



HIGH-DENSITY DUAL BAND OMNI ANTENNA

WiSpot BOX OA M3DBC245-7V

WiSpot BOX OA M3DBC245-7V is an omnidirectional **MIMO 3x3 dual-band concurrent (2.4&5GHz)** antenna, working in **VV-polarization**, it's desired for **WiFi** connections. On the bottom side the **WiSpot** has the full **IP67** installation compartment, where You can easily install an electronic board with **WiFi** radio 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 as the **hotspot in parks, stadiums, warehouses, production halls, malls, lecture halls or another public places**. Its aesthetic design is acceptable in most of the visible places. **WiSpot BOX OA M3DBC245-7V** can be installed on the mast, a wall or the flat surface.

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

ROHS



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 |

Features

- Gain for the frequency of 2400 - 2500 MHz 3x 6 dBi
- Polarization V for the frequency of 2400 - 2500 MHz
- Gain for the frequency of 4700 - 6000 MHz 3x 7 dBi
- Polarization V for the frequency of 4700 - 6000 MHz
- 3 x Connector MMCX/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
- 24 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

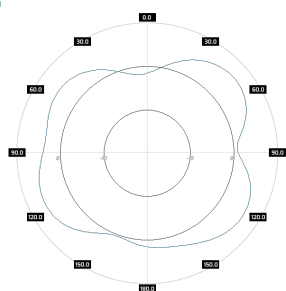
Mechanic specification

| | |
|-----------------------|---|
| Dimensions | 16 x 24 x 16 cm 6.3 x 9.45 x 6.3 inch |
| Weight | 1.6 kg |
| Connector | RJ45 & 3xMMCX/U.FL |
| Material | ABS |
| Waterproof level | IP67 |
| Operating temperature | from -40°C to 80°C from -40°F to 176°F |
| Wind resistance | 150km/h |

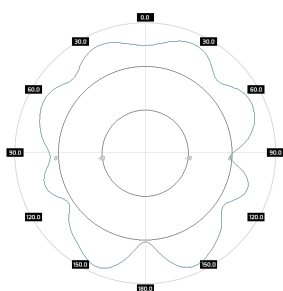
Mounting Kit

| | |
|-----------------------|--|
| Dimensions | |
| Regulation Range | |
| Weight | |
| Mast Dimensions Range | |
| Material | |

Plots



OA M3DBC245-7V
2.4Ghz, azimuth



OA M3DBC245-7V
5.5Ghz, azimuth