HIGH-DENSITY DUAL BAND OMNI ANTENNA

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].

### Electrical specification
- **Frequency**: 2.4 - 2.5 GHz, 4.7 - 6 GHz
- **Gain**: 6 dBi, 7 dB
- **VSWR**: <1.70, max < 2.00
- **Beamwidth**: 360°/25° +/- 5°
- **Polarization**: 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**: 1.6 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**:

### 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