DUAL BAND BASE SECTOR ANTENNA
WiBOX SA M4DBC245-35-15VV

Antenna WiBOX SA M4DBC245-35-15VV MIMO4x4 is dual-band 2.4&5 GHz 4-patch directional high-performance antenna in one radome with an installation compartment for your device. Antenna work on 2.4&5 GHz simultaneously (concurrent dual-band) and it’s predicted mainly for WiFi in high or medium density applications. SA M4DBC245-35-15VV comes with No. 4 of RP-SMA/R-TNC pigtails inbuilt. It’s predicted for building small cell in high-density environments like for stadiums, lecture halls, concert halls. The antenna is DC Grounded and contains special WiMount mounting kit powered by Wireless Instruments.

### Electrical specification
- **Frequency**: 2.4 - 2.5 GHz, 5 - 6 GHz
- **Gain**: 11 dBi, 15 dBi
- **VSWR**: <1.60, max < 2.00, <1.60, max < 2.00
- **Beamwidth**: 40°/80°, 25°/35°
- **Polarization**: V, V
- **Cross-Polar Isolation**: >40 dB
- **Front-to-Back**: > 25 dB, > 25 dB
- **Separation between Connectors**: 50 Ω
- **Max Input Power**: 50 W
- **Lighting Protection**: No
- **DC Ground**: Yes

### Mechanic specification
- **Dimensions**: 39.2 x 39.6 x 9.6 cm, 15.43 x 15.59 x 3.78 inch
- **Weight**: 2.9 kg
- **Connector**: RJ45 & 1xSMA
- **Material**: ABS
- **Waterproof level**: IP67
- **Operating temperature**: from -40°C to 80°C, from -40°F to 176°F
- **Wind resistance**: 70km/h

### Mounting Kit
- **Dimensions**
- **Regulation Range**
- **Weight**
- **Material**

### 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
- System Integration

### Features
- Gain for the frequency of 2400 - 2500 MHz 1x 11 dBi
- Polarization V for the frequency of 2400 - 2500 MHz
- Gain for the frequency of 5000 - 6000 MHz 1x 15 dBi
- Polarization V for the frequency of 5000 - 6000 MHz
- 1 x Connector SMA
- Big, ergonomic and voluminous WiBOX Large enclosure for radio equipment installation
- Outdoor Waterproof Enclosure WiBOX Large
- Designed and resistant for any weather conditions
- RJ45 Waterproof System
- Grounding system protecting against lighting - DC Ground
- 36 Warranty Months

### Plots
- [Plot 1](#)
- [Plot 2](#)
- [Plot 3](#)
- [Plot 4](#)