



## DUAL BAND BASE SECTOR ANTENNA

# WiBOX SA M4DBC255-90-14HV


**ROHS**

**DC GROUND**

**IP67**

**UV RESISTANT**

**ABS**

### Electrical specification

Frequency	<ul style="list-style-type: none"> <li>☒ 2.4 - 2.5 GHz</li> <li>☒ 5.1 - 5.9 GHz</li> </ul>
Gain	<ul style="list-style-type: none"> <li>☒ 12 dBi</li> <li>☒ 14 dBi</li> </ul>
VSWR	<ul style="list-style-type: none"> <li>☒ &lt;1.80</li> <li>☒ &lt;1.80</li> </ul>
Beamwidth	<ul style="list-style-type: none"> <li>☒ 16°/90°</li> <li>☒ 16°/90°</li> </ul>
Polarization	<ul style="list-style-type: none"> <li>☒ H&amp;V</li> <li>☒ H&amp;V</li> </ul>
Cross-Polar Isolation	
Front-to-Back	
Separation between Connectors	
Impedance	50 Ω
Max Input Power	50 W
Lighting Protection	No
DC Ground	Yes

### Mechanic specification

Dimensions	27.2 x 27.6 x 6.2 cm 10.71 x 10.87 x 2.44 inch
Weight	2.7 kg
Connector	1x4x Nf or 4x 90cm cable with RP TNC or 4x 4x 90cm cable with RP SMA
Material	ABS
Waterproof level	IP67
Operating temperature	from -40°C to 70°C from -40°F to 158°F
Wind resistance	120km/h

### Mounting Kit

Dimensions	9.9 x 10.5 x 14.8 cm 3.9 x 4.13 x 5.83 inch
Regulation Range	+/- 30°
Weight	0.87 kg
Max Dimensions Range	25 - 65mm
Material	Polyamide with fiberglass + galvanized steel U-Bolts

### Features

- › Gain for the frequency of 2400 - 2500 MHz 1x 12 dBi
- › Polarization H&V for the frequency of 2400 - 2500 MHz
- › Gain for the frequency of 5100 - 5900 MHz 1x 14 dBi
- › Polarization H&V for the frequency of 5100 - 5900 MHz
- › 1 x Connector 4x Nf or 4x 90cm cable with RP TNC or 4x 4x 90cm cable with RP SMA
- › Big, ergonomic and voluminous **WiBOX Medium Slim 2xN** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiBOX Medium Slim 2xN**
- › Designed and resistant for any weather conditions
- › Grounding system protecting against lightning - DC Ground
- › 36 Warranty Months

### Systems

- › LTE band - 40, 41, 46, 47, 53, 252, 255
- › 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