



## HIGH-DENSITY DUAL BAND OMNI ANTENNA

# WiSpot OA MDBC245-7V

**WiSpot OA MDBC245-7V** is an omnidirectional **MIMO 2x2 dual-band concurrent (2.4&5GHz)** antenna, working in VV-polarization, it's desired for **WiFi** connections. On the bottom side the **WiSpot** has No. 2 cables (1m length) with RP-SMA/RP-TNC/N Male connector to connect with your Access Point. 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 OA MDBC245-7V** can be installed on the mast, a wall or the flat surface.

ROHS



### Electrical specification

Frequency	<ul style="list-style-type: none"> <li>⊗ 2.4 - 2.5 GHz</li> <li>⊗ 4.7 - 6 GHz</li> </ul>
Gain	<ul style="list-style-type: none"> <li>⊗ 6 dBi</li> <li>⊗ 7 dBi</li> </ul>
VSWR	<ul style="list-style-type: none"> <li>⊗ &lt;1.70, max &lt; 2.00</li> <li>⊗ &lt;1.70, max &lt; 2.00</li> </ul>
Beamwidth	<ul style="list-style-type: none"> <li>⊗ 360°/25° +/- 5°</li> <li>⊗ 360°/25° +/- 5°</li> </ul>
Polarization	<ul style="list-style-type: none"> <li>⊗ V</li> <li>⊗ 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	No

### Mechanic specification

Dimensions	16 x 16 x 24 cm 6.3 x 6.3 x 9.45 inch
Weight	1.6 kg
Connector	2xRP-SMA/RP-TNC
Material	ABS
Waterproof level	IP67
Operating temperature	from from -40°C to 80°C to °C from 32°F to 32°F
Wind resistance	km/h

### Mounting Kit

Dimensions	
Regulation Range	
Weight	
Mast Dimensions Range	
Material	

### Features

- › Gain for the frequency of 2400 - 2500 MHz 2x 6 dBi
- › Polarization V for the frequency of 2400 - 2500 MHz
- › Gain for the frequency of 4700 - 6000 MHz 2x 7 dBi
- › Polarization V for the frequency of 4700 - 6000 MHz
- › 2 x Connector RP-SMA/RP-TNC
- › Big, ergonomic and voluminous **WiSpot + 2 cables enclosure for radio equipment installation**
- › Outdoor Waterproof Enclosure **WiSpot + 2 cables**
- › Designed and resistant for any weather conditions
- › 24 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

### Applications

- › Stadiums, Public Places
- › Hotspot
- › PtM Connections