

OMNI ANTENNA

WiCeiling OA D4M3-2V, LTE cat.9



WiCeiling OA D4M3-2V is an omnidirectional **MIMO 4x4** antenna, working in VV-polarization, it's desired for **LTE cat.9** connections. The antenna can be used for popular **LTE bands (42, 43), frequencies 3400-3800 MHz**. On the bottom side the WiSpot has the full IP67 installation compartment, where You can easily install an electronic board with LTE modem to get the **ready-to-use device powered by PoE (802.3af) - RJ45 waterproof high-quality connector**. That antenna is predicted to be installed on the ceiling as the **small cell base station antenna**.



Electrical specification

| | |
|-------------------------------|-------------------|
| Frequency | 3.4 - 3.8 GHz |
| Gain | 2 dBi |
| VSWR | <1.70, max < 2.00 |
| Beamwidth | 360°/16° |
| 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 | 23 x 23 x 4.2 cm 9.06 x 9.06 x 1.65 inch |
| Weight | 0.9 kg |
| Connector | 4xU.FL |
| Material | ABS |
| Waterproof level | |
| Operating temperature | from -20°C to 80°C from -4°F to 176°F |
| Wind resistance | km/h |

Mounting Kit

| | |
|----------------------|--|
| Dimensions | |
| Regulation Range | |
| Weight | |
| Max Dimensions Range | |
| Material | |

Features

- › Gain for the frequency of 3400 - 3800 MHz 4x 2 dBi
- › Polarization V for the frequency of 3400 - 3800 MHz
- › 4 x Connector U.FL
- › Big, ergonomic and voluminous **WiBOX Ceiling** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiBOX Ceiling**
- › Designed and resistant for any weather conditions
- › 36 Warranty Months

Systems

- › LTE band - 22, 42, 43, 48, 49, 52
- › WLAN - 3.6 GHz
- › WiMAX - 3.5 GHz

Applications

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