

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	
Mast 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
- › WLAN - 3.6 GHz
- › WiMAX - 3.5 GHz

Applications

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