

# MW15630E MIMO Omnidirectional Ceiling Antenna

Model: OVV-6996/6996/1727/1727/3338/3338-360-4/5-QK/43-20/153-1.8-B



## Features and Product Description

- Wideband, support 2G/3G/4G/5G
- High gain
- RoHS compliant
- Low PIM
- High reliability

## Electrical Specifications

Port	Port1			Port2		
Frequency range (MHz)	698 - 960	1710 - 2700	3300-3800	698-960	1710-2700	3300-3800
Polarization	Vertical			Vertical		
VSWR	≤ 1.8			≤ 1.8		
Gain (dBi)	Approx.4			Approx.5		
Isolation (dB)	≥20			≥20		
Horizontal half-power beam width (° )	360			360		
Vertical half-power beam width (° )	85	55		85	55	
PIM, 3rd Order (dBc)	≤-153 (2 x 43 dBm carrier)					
Average power, maximum (W)	50					
Impedance (Ω)	50					
Grounding	DC Ground					

## Mechanical Specifications

Dimensions (D x H) (mm)	Φ208 x 55
Packing dimensions (H x W x D) (mm)	210 x 200 x 165
Net weight (with installation kit) (kg)	≤0.8
Packing weight (kg)	≤0.9
Radome material	UV ABS
Application	Indoor
Operating temperature (°C)	-30 to +45
Connector	2 x 4.3-10 Female



## Installation Steps

1. Drill a Φ33 - Φ35 hole on the ceiling.
2. Install the antenna as the following picture shows then tighten the bolts.
3. Connect the RF jumper to antenna connector.

