

MC15917A MIMO Omnidirectional Ceiling Antenna

Model: OVH-6996/1727/1727-360-1.5/3.5-NK/V56/H56-20/153-1.8/1.8-B



Features and Product Description

- Wideband, support 2G/3G/4G
- High Gain
- RoHS Compliant
- Low PIM
- High reliability

Electrical Specifications

Port	Port1			Port2
Frequency range (MHz)	698 - 800	800-960	1710 - 2700	1710-2700
Polarization	Vertical			Horizontal
VSWR	≤ 1.8	≤ 1.8		≤ 1.8
Gain (dBi)	Approx.1.5		Approx.3.5	Approx.3.5
Horizontal half-power beam width (°)	360			
PIM, 3rd Order (dBc)	≤ -153 (2 x 43 dBm carrier)			
Isolation (dB)	≥ 25			
Average power, maximum (W)	50			
Impedance (Ω)	50			
Grounding	DC Ground			

Mechanical Specifications

Dimensions (D x H) (mm)	Φ204 x 119
Packing dimensions (H x W x D) (mm)	182 x 182 x 178
Net weight (with installation kit) (kg)	≤0.52
Packing weight (kg)	≤0.56
Radome material	UV ABS
Application	Indoor
Operating temperature (°C)	-40 to +60
Connector	N-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.

