

## 5.8G wifi 28dBi MIMO Grid Antenna With 2 N Female Connector

### Part No:AC-D5158G28-0609X2

#### 1. Introduction

The 5.8G MIMO Grid parabolic antenna is designed for the spread spectrum system. It is our most tested and trusted antenna for the 5.8G networks.

The large grids provide an unmatched front-to-back ratio and tight receiving angle, Wide Band Operation, Vertically or Horizontally Polarized. Extremely Rugged for Extreme Environment.

which cut down background interference to provide an ultra clean signal. This is extremely important as a cleaner signal will allow the modem to negotiate a more complex (and faster) method of modulation.

This antenna is suitable for all city areas and rural areas, as they only operate on 5.1-5.8G frequencies.

Dimension is in complied with the plot of feed reflector. Which ensure the antenna works in the best state.

It is high gain, long range, light weight, compact structure and good command in wing resistance.



## 2. Specification

### Electrical

Frequency Range	5158-5850MHz
F/B Ratio	≥25dB
Gain	2x28dBi
V.S.W.R	≤1.5,Max 2.0
Radiation	Direction
Horizontal Beam width	6°
Vertical Beam width	4°
Polarization	Vertical and Horizontal
Lightning Protection	DC grounded
Maximum Input Power	100W
Impedance	50Ω
Connector	2xN Female
Antenna Radome Material	Aluminium alloy
Mounting way	Pole Mount
Diameter of Installation Pole	Ø50~70mm

### Mechanical

Dimensions	600x900mm
Weight	2.5KG
Operating Temperature	-40°C to+70°C
Rated Wind Velocity	60m/s
RoHS Compliant	YES