



# 600-3800Mhz 2x2 MIMO 5G Ready 6dBi Omni-Directional Cellular Antenna

**Part No: AOM 638V6 NF**

## 1. Introduction

This is a dual input omni-directional MIMO antenna and it is ideally suited for locations where wide coverage is desired.

This antenna features 2 X SMA Female or N Female connectors.

Mounting is made easy with a dual U-bolt mast mounting kit.

This antenna is DC grounded for lightning protection and designed for all weather operation.

6dBi high gain 5GNR MIMO Omni antenna. Outdoor design with waterproof protection, designed for rugged deployments in outdoor. Wide 5G cellular frequency 600-3800MHz.

Due to high-gain and low V.S.W.R, they provide the high-performance cellular connection with the mobile signal base station and improve the signal reception on wireless-enabled devices including 5G router, 5G modem, 5G CPE, and so on.





## 2. Specification

### Electrical

Frequency Range	600-960 / 1710-3800 MHz
Gain	4 / 6dBi
V.S.W.R	≤ 2.5
Radiation	Omni-Directional
Horizontal Beam width	360°
Vertical Beam width	18°
Polarization	Vertical or Horizontal
Lightning Protection	DC Grounded
Maximum Input Power	100W
Impedance	50Ω
Connector	2 X N Type Female
Cable Type	RG58U
Cable Length	30CM
Antenna Radome Material	PVC
Mount way	Pole (Flat Bracket with U-Bolts and Cradles)
Diameter of Installation Pole	Ø30mm ~ Ø50mm

### Mechanical

Dimensions	Φ63mm x 370mm
Weight	1.1KG (~2.4 lbs)
Operating Temperature	-40℃ to+60℃ (-104° F to +140° F)
Waterproof	IP66
RoHS Compliant	YES

### 3.V.S.W.R

