

## Ultra-Wideband 4G LTE Omni-Directional Antenna With Terminal Mount

### Part No:AC-Q7027-BY

#### 1. Introduction

This is a 5G/4G monopole Ultra-Wideband Omni-Directional antenna.

It is primarily designed for use with 4G LTE modules and devices ,Its high efficiency across the ultra wide band and is backward compatible with 2G and 3G cellular applications such as GSM, LTE, UMTS,WI-FI and even has GPS included for assisted GPS applications.

With very high efficiency on every cellular band globally it is an ideal solution for any device requiring high, reliable performance.

The antenna is a ground plane independent antenna with a SMA (M) connector and swivel mechanism that allows the antenna part to be rotated.

The antenna blade can swivel 90 degrees from the connector accommodating different installation configurations.



## 2. Specification

### Electrical

Frequency Range	GPS:1575.42MHz 3G:900/1800/1900/2100MHz 4G:698-960/1710-2700MHz
Gain	3dBi
V.S.W.R	≤2.5;Max3.0
Radiation	Omni-Direction
Polarization	Vertical
Maximum Input Power	5W
Impedance	50Ω
Connector	SMA Male
Antenna Radome Material	ABS

### Mechanical

Dimensions	196x38x11mm
Weight	38g
Operating Temperature	-40°C to+80°C
RoHS Compliant	YES