

## 4 in 1 Screw-Mount 4G/3G/2G/WiFi/2.4/5GHz MIMO Antenna

### Part No:AC-LTE2WIFI2-CQX

#### 1. Introduction

The antenna is a four port antenna with two elements designed to cover the 698-960 and 1710-2700 MHz cellular bands, two elements designed to cover the 2.4-2.5 and 4.9-5.85 GHz WLAN bands. The antenna can be mounted on the roof of a vehicle or fixed structure.

The antenna meets or exceeds a variety of environmental ruggedization specifications for transportation applications.

This antenna is an omni-directional heavy-duty, fully IP67 waterproof external M2M antenna for use in telematics, transportation and remote monitoring applications.

The antenna has its own ground-plane and can radiate on any mounting environment like metal or plastic without affecting performance.

The cables are low loss allowing for lengths of up to 10 meters, critical for buses, trains and other commercial transport applications.

Customized cables and connector version available



## 2. Specification

### Electrical

<b>WIFI Part:</b>	Frequency range	2400-2483MHz/5150-5850MHzX2
	V.S.W.R	<2.0
	Gain	3/5dBi
	Polarization	Linear
	Impedance	50Ω
	Input Power Max	50W

<b>LTE Part:</b>	Frequency range	698-960MHz/1710-2700MHzX2
	V.S.W.R	3 Max
	Gain	3/5dBi
	Polarization	Vertical
	Impedance	50Ω
	Input Power Max	50W

<b>Mechanical &amp;Environmental</b>	Housing	Black
	Cable	RG58
	Length	3m standard ,fully customizable
	Connector	SMA(M) standard,fully customizable
	Operation Temperature	-40℃ to+85℃
	Humidity	65%-95%RH
	Waterproof	IP67
	Antenna Radome Material	PC
	Mount way	Screw
	Antenna Dimension	Φ140×84.5mm
Weight	1KG	