

## 5.8G Omni-Directional Adhesive Mount Low Profile Flat Antenna

### Part No:AC-Q58M03

#### 1. Introduction

This wideband adhesive mount antenna is a simple cellular antenna covering 5150-5850 bands . The antenna has a compact design permitting unobtrusive and convenient installation in automotive vehicles due it has a strong 3M adhesive on the backing. 115 mm long and has an omni-directional radiation pattern that delivers up to 3.5 dBi of gain with an integrated ground-plane. With a very low unit cost this antenna provides economical performance for a range of applications requiring the use of an external antenna.

Designed for M2M applications such as vending machines, meter housings, equipment sheds, or other locations requiring an inconspicuous low-profile external antenna.

Can be vehicle mounted for buses, vans, trucks or other mobile installations.



## 2. Specification

### Electrical

Frequency Range	5150-5850MHz
Gain	3dBi
V.S.W.R	≤1.8
Radiation	Omni-Direction
Polarization	Vertical
Maximum Input Power	50W
Impedance	50Ω
Connector	SMA Male(can be customization)
Cable Type	RG174
Cable Length	3M
Antenna Radome Material	ABS
Mount way	Self Adhesive

### Mechanical

Dimensions	22x115mm
Weight	45g
Operating Temperature	-40℃ to+70℃
RoHS Compliant	YES