

## 3G PCB Embedded Antenna With 1.13 Cable IPEX Connecto

### Part No:AC-Q3G-N13

#### 1. Introduction

Embedded 3G Systems,For World-wide Use,Vertical Polarization.Electrical connection with the PCB is accomplished by soldering the silver pin through the hole on the PCB.

Antenna can be placed on the inside of a non-metallic housing, allowing it to be hidden almost anywhere while providing an invisible solution for many applications.

The combination of multiple frequency bands and an omnidirectional pattern offers a variety of uses suited for indoor applications.

The antenna is specifically designed for internal applications covering the 850/900/1800/1900 and UMTS bands.

Cable lengths and connectors are fully customizable.

For good efficiency performance the shortest cable length should however not be less than 100mm.



## 2. Specification

### Electrical

Frequency Range	1710-2170MHz
Gain	2.15dBi
V.S.W.R	≤1.8
Maximum Input Power	50W
Impedance	50Ω
Connector	IPEX
Cable Type	1.13
Cable Length	10cm
Antenna Material	FR4

### Mechanical

Dimensions	47x5x1mm
Weight	5g
Operating Temperature	-40℃ to+70℃
RoHS Compliant	YES