

## 4G LTE 698-2700MHz FPC Antenna With IPEX(U.FL) Connector

### Part No:AC-Q7027-N30

#### 1. Introduction

This 50-ohm impedance wideband antenna has been designed to cover all working frequencies in the 698-2700MHz spectrum, including all Cellular, Wi-Fi, ISM and GNSS bands.

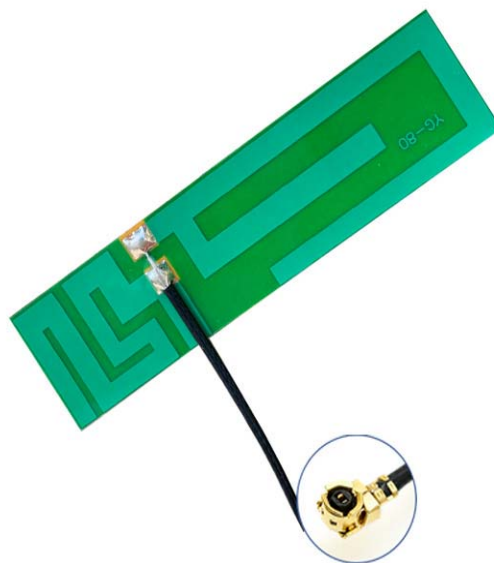
Its use in a device improves substantially the radiated power and sensitivity and enables the highest throughput rates of today's broadband devices.

Ground-plane independent, with a cable and connector for easy installation is designed to be mounted directly onto a plastic or glass enclosure/cover.

Connection is made to the radio via a 100 mm long, 1.13 mm coaxial cable terminated in an MHF1/U.FL compatible plug connector.

Compact, low-profile 0.2 mm height MHF/U.FL compatible plug (female socket) on 100 mm of 1.13 mm coaxial cable. Flexible to fit in challenging enclosures

Adhesive backing permanently adheres to nonmetal enclosures using 3M adhesive



## 2. Specification

### Electrical

Frequency Range	698-960/1710-2700MHz
Gain	3dBi
V.S.W.R	≤2.0
Polarization	Vertical
Maximum Input Power	5W
Impedance	50Ω
Connector	IPEX
Cable Type	1.13
Cable Length	10cm
Antenna Radome Material	FPC

### Mechanical

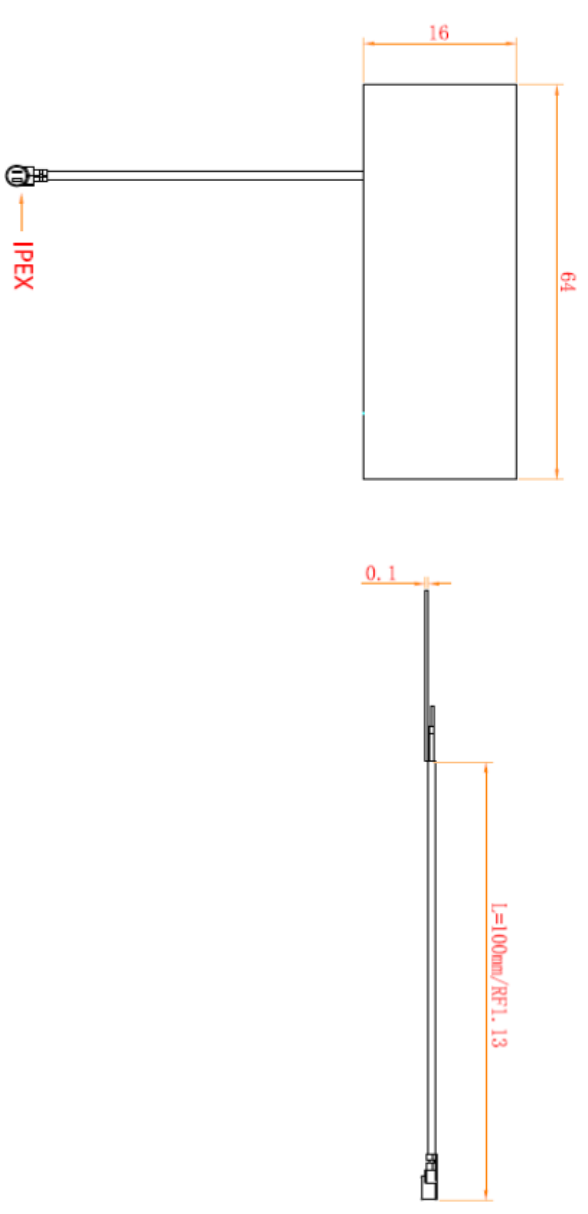
Dimensions	64x16x0.1mm
Weight	5g
Operating Temperature	-40°C to+70°C
RoHS Compliant	YES

### 3.Drawing


**DRAWING**

Product Type  
**FPC ANTENNA**

P/N:AC-N30



技术要求: 此产品干净无杂质 全ROHS制程

3						 <b>ASIAN CREATION COMMUNICATION CO.,LTD</b> www.ycantenna.com	Q.TY	1PCS	DR.	XX.G		
2		STANDARD	SCALE				Weight	4g	VENDER	MAI		
1			SPEC				REV	A	CHKD	PLY		
NO.	PARTNAME	DESCRIPTION	MATERIAL	DWG NO.	SHEET	AC-N30	1/1	UNIT	MM	投影法	DAY	2022-04-25

## 4.V.S.W.R

