

4G/LTE Broadband built-in PCB antenna

Part No:AC-Q7027N11213B

1. Introduction

That 50-ohm impedance wideband antenna has been designed to cover all working frequencies in the 824-2700MHz 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.



2. Specification

Electrical

fully customizable.	824-960/1710-2700MHz
Gain	5dBi
V.S.W.R	≤3.0
Maximum Input Power	50W
Impedance	50Ω
Connector	IPEX
Cable Type	1.13cable
Cable Length	10cm
Antenna Radome Material	PCB

Mechanical

Dimensions	112x13.5x0.8mm
Weight	8g
Operating Temperature	-40°C to+70°C
Humidity	+15-70%RH
RoHS Compliant	YES