

## 915MHz RFID LoRa Omni-Directional Fiberglass Antenna

### Part No:AC-Q915F03P

#### 1. Introduction

LoRa antenna for metering, industrial, and environmental monitoring operates in the 915 MHz ISM band.

The omnidirectional antenna radiates uniformly in the azimuth. This design characteristic provides the best performance, giving optimized coverage and therefore longer range in the horizontal plane over 360 degrees.

The UV resistant fiberglass housing enables the antenna to be utilized in all kinds of harsh environments, making it more robust and safer than traditional whip antennas. It can be connected directly to the access point or telemetry unit or can be mounted on wall or device surface via the N-type connector.



## 2. Specification

### Electrical

Frequency Range	915MHz
Gain	3dBi
Horizontal Beam width	360°
Vertical Beam width	22°
V.S.W.R	≤1.5
Radiation	Omni-Direction
Polarization	Vertical
Lightning Protection	DC Grounded
Maximum Input Power	50W
Impedance	50Ω
Connector	N Female
Antenna Radome Material	Fiberglass
Mounting Way	Pole Mount
Diameter of Installation Pole	Ø30~Ø50mm

### Mechanical

Dimensions	Φ20x200mm
Weight	200g
Operating Temperature	-40℃ to+80℃
Rated wind velocity(m/s)	60m/s
RoHS Compliant	YES