

868MHz ISM LoRa Terminal Antenna With SMA connector

Part No:AC-Q868-40W

1. Introduction

LoRa antenna for metering, industrial, and environmental monitoring operates in the 868 MHz ISM band.

Terminal SMA plug mount antenna is ideal for mobile small form factor applications.

At only 47mm in length an omni-directional pattern with a peak gain 2.15dBi ensures constant reception and transmission.

The antenna housing using PE material which allows for robust handling, while remaining lightweight.



2. Specification

Electrical

Operating Frequency	868 MHz
Bandwidth	±3MHz
Gain	2.15dBi
V.S.W.R	≤2.0
Radiation	Omni-direction
Polarization	Vertical
Maximum Input Power	5W
Impedance	50Ω
Max Read Distance	N/A
Connector Type	SMA Male
Antenna Radome Material	TPEE

Mechanical

Dimensions	Φ8x47mm
Weight	10g
Operating Temperature	-40°C to+70°C
RoHS Compliant	YES