

868/915MHz Suckerantenna

Model: **AC-Q868-I01**

1. Product presentation

The product is made of manganese steel, the antenna structure is small, the appearance is exquisite, and the magnetic suction installation is convenient.

RFID equipment system, GSM/GPRS/ support mobile Unicom, wireless hotspot coverage, mobile terminal equipment.



2. Technical Specification

Electrical property parameter

frequency	868/915MHz
bandwidth	/
gain	5.06dBi
standing-wave ratio (SWR)	≤2.0
athermanancy	Omni-Direction
polarization mode	Vertical
input power	50W
impedance	50Ω
wire length	1.5M
linetype	RG174
Connector	SMA Male
Antenna material	Steel

Mechanical Characteristics

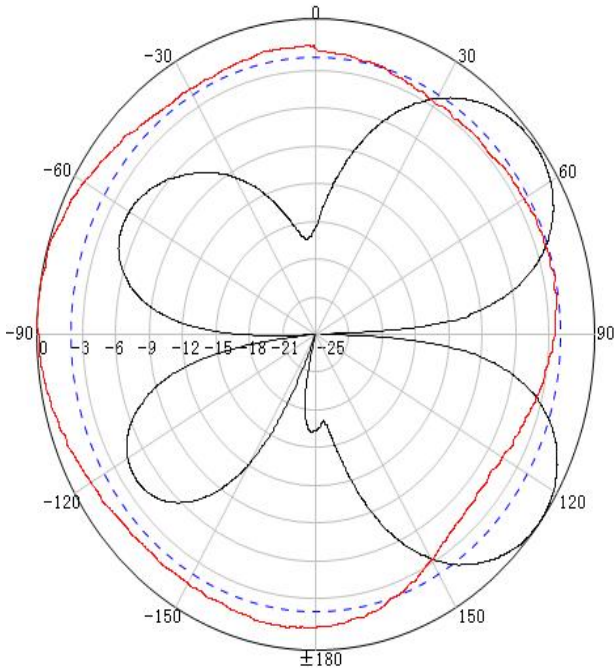
antenna size	Φ29×225mm
Weight	50g
operating temperature	-40°C to +70°C



3. STATIONARY WAVE PATTERN



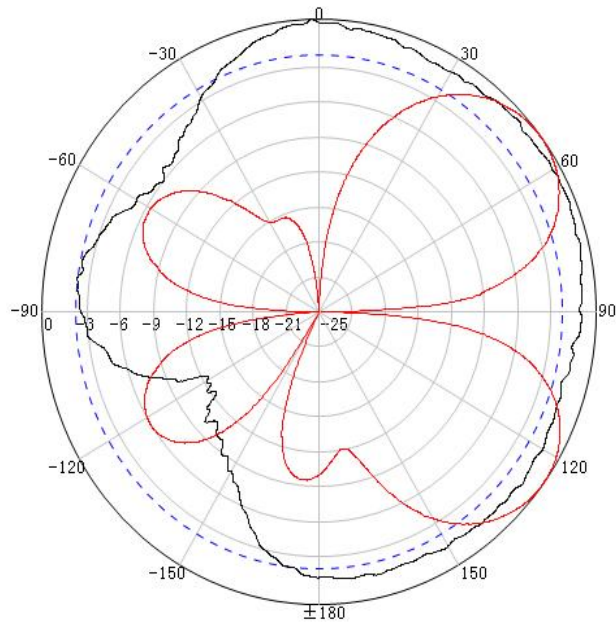
4. Directional Diagram



Type of antenna: sucker antenna
Test frequency : 868MHz
Test time:2022-07-07
Test plane: vertical plane main
polarization: main polarization
Polarization mode: Horizontal
peak level :-40.60dB
3dB width :37.87°
ratio: 5.66dB

Type of antenna: sucker antenna
Test frequency : 868MHz
Test time:2022-07-07
Test plane: horizontal plane main
polarization: main polarization
Polarization mode: vertical
peak level :-54.19dB
3dB width :213.54°
ratio:3.06dB

Gain : 4.11dBi



Type of antenna: sucker antenna
Test frequency : 915MHz
Test time:2022-07-07
Test plane: vertical plane main
polarization: main polarization
Polarization mode: Horizontal
peak level :-62.32dB
3dB width :203.70°
ratio: 1.78dB

Type of antenna: sucker antenna
Test frequency : 915MHz
Test time:2022-07-07
Test plane: horizontal plane main
polarization: main polarization
Polarization mode: vertical
peak level :-41.80dB
3dB width :37.63°
ratio: 7.43dB