

868/915MHz sucker antenna

型号: **AC-Q868-I01**

1. product presentation

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

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



2. Technical specification

Electrical property parameter

频率 frequency	868/915MHz
带宽 bandwidth	/
增益 gain	5dBi
驻波比 standing-wave ratio (SWR)	≤2.0
辐射性 athermancy	Omni-Direction
极化方式 polarization mode	Vertical
输入功率 input power	50W
阻抗 impedance	50Ω
线长 wire length	1.5M
线型 linetype	RG174
接头 splice	SMA Male
天线材质	Steel

Antenna material

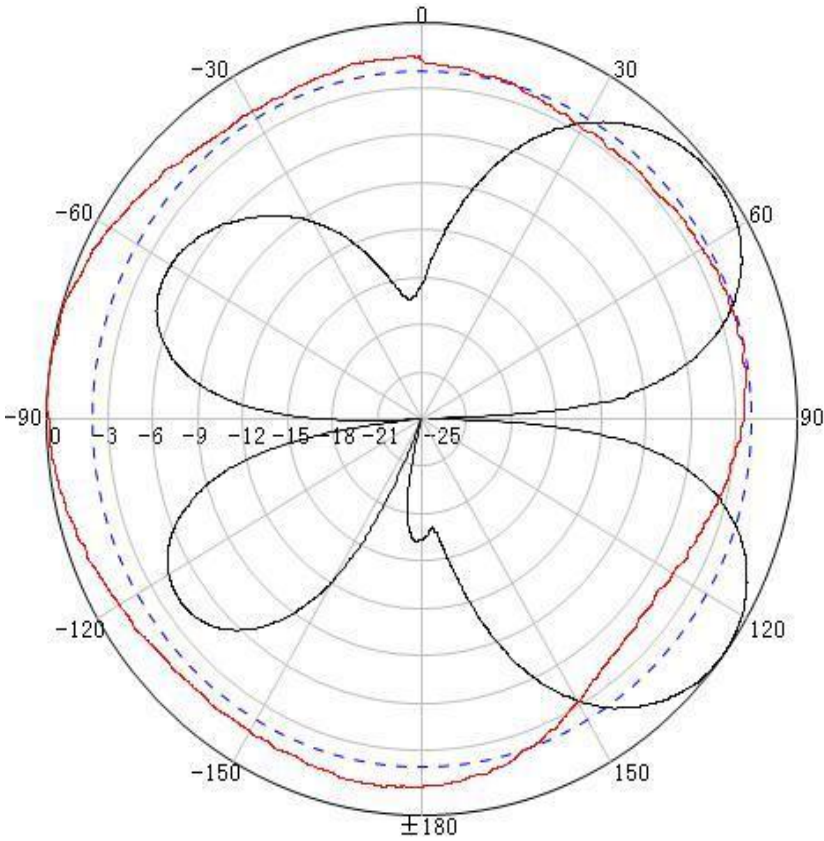
antenna size	Φ29×225mm
weight	50g
operating temperature	-40℃ to+70℃



3.驻波图 STATIONARY WAVE PATTERN



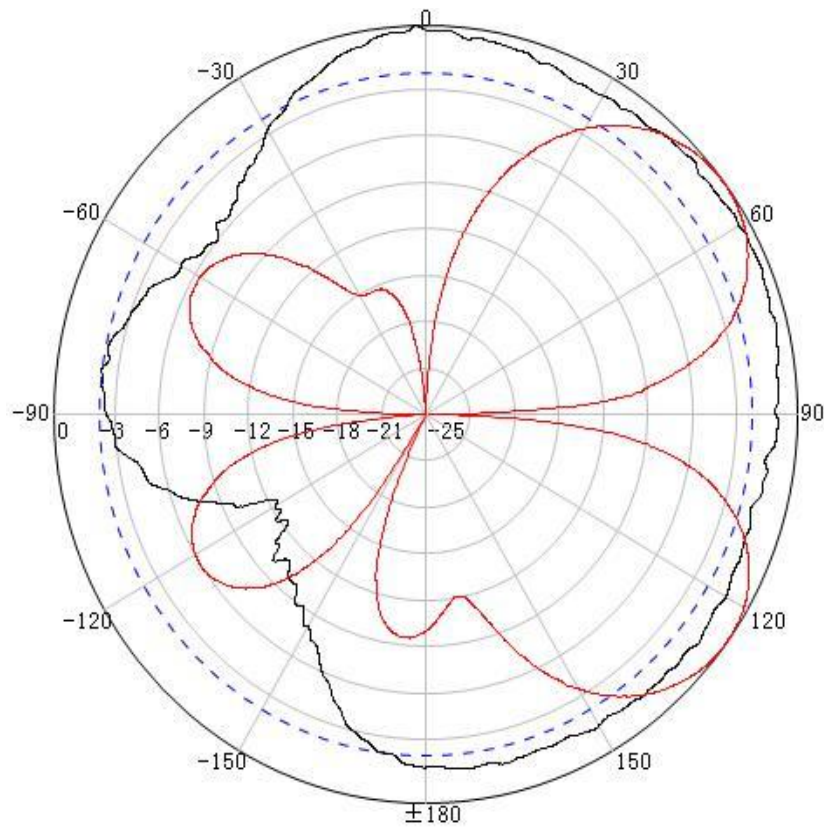
4. 方向图directional diagram



Antenna type: sucker antenna
Test frequency: 868MHz
Test time :2022-07-07
Test plane: vertical plane
Main polarization: main polarization
Polarization mode: horizontal
Peak level :-40.60dB3dB
Width :37.87"
Ratio: 5.66dB

Antenna type: sucker antenna
Test frequency :868MHz
Test time: 2022-07-07
Test plane: horizontal plane
Main polarization: main polarization
Polarization mode: vertical
Peak level :-54.19dB3dB
Width :213.54"
Ratio: 3.06 dB

Gain:4.11dBi



Antenna type: sucker antenna
Test time :2022-07-07
Test frequency :915MHz
Test plane: horizontal plan
Main polarization: main polarization
Polarization mode: vertical
Peak level: -62.32dB3dB
Width: 203.70 °
Ratio: 1.78dB
Antenna type: Sucker antenna test
Frequency: 915MHz
Test time: 2022-07-07
Test plane: vertical plane
Main polarization: main polarization
Polarization mode: horizontal
Peak level: -41.80dB3dB
Width: 37.63
Ratio: 7.43dB

Gain:5.0 dBi