



BRA-04.Type antenna product description

Product model

BRA-04 type antenna is Ultra-high frequency Handheld reader antenna.

Functions and characteristics of the product

It has the characteristics of high gain and low standing wave; small size, light weight, good applicability and easy installation.

Main uses and scope of application

BRA-04. Mould Aerial Conveniently Applied to UHF frequency band RFID handheld and other miniaturized terminals or various External applications Occasion.

Performance indicators

Frequency range: 865MHz ~ 928MHz

Voltage standing wave ratio: $\leq 1.3:1$

Peak gain: 2 dBi

Polarization: Circular polarization

Axis ratio: < 3 dB

Relative humidity: 5% ~ 95%

Input impedance: 50Ω

Connector type: MMCX (optional)

Mechanical indicators

Size: 50 mm × 50 mm × 8 mm

Weight: 39 g

Materials: Ceramics and F4B

Color: Picture color

Working temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Storage temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

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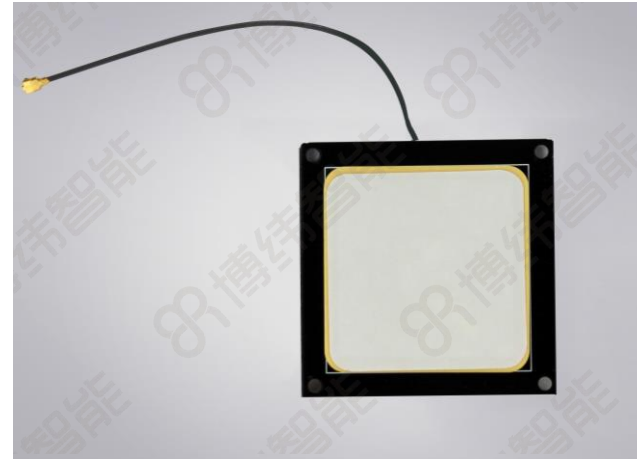


Figure 1 Antenna physical object

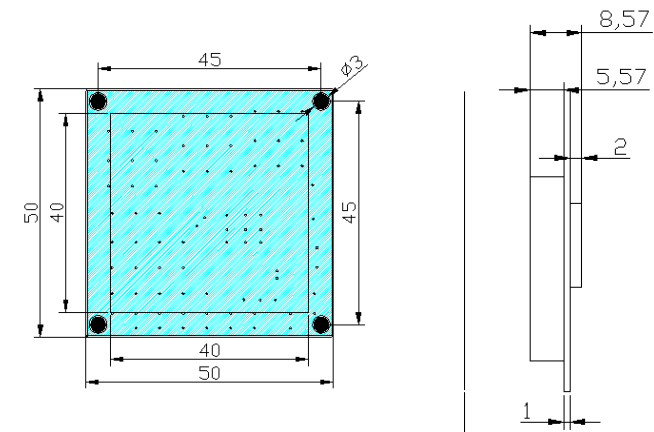


Figure 2 Antenna size diagram

Manufacturer: Shenzhen Broadradio RFID Technology Co., Ltd

Address: Room B222, Building B, Fuhai Technology Industrial Park, Huafeng Zhigu, Fuhai Sub-district, Bao 'an District, Shenzhen City

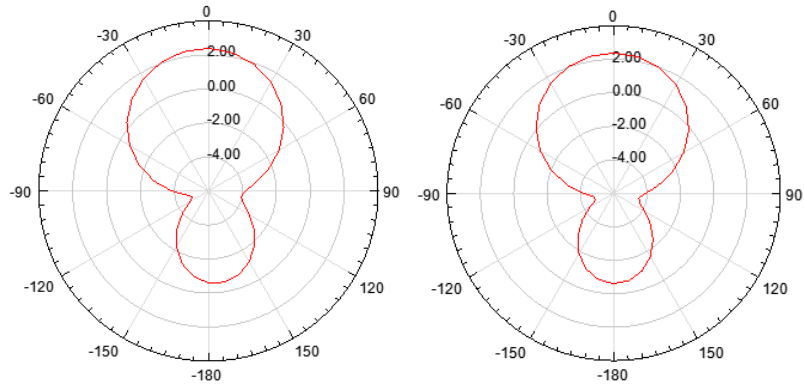


Figure 3 Antenna Radiation Direction Diagram (2D)

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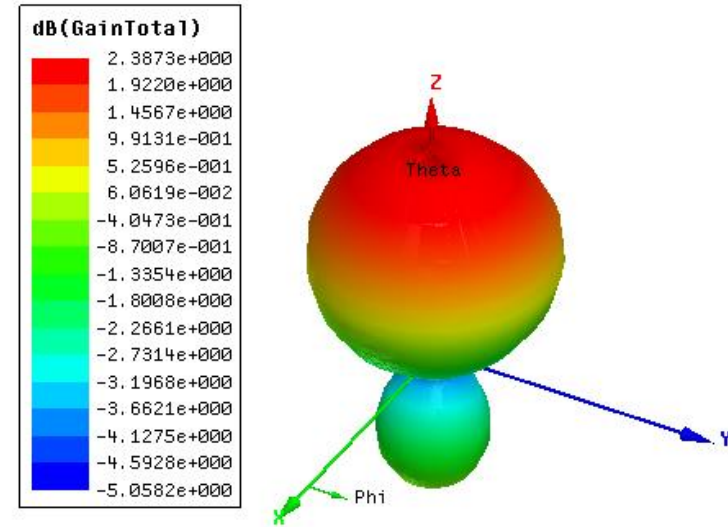


Figure 4 Antenna Radiation Direction Diagram (3D)

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