

Product Specifications of BRA - 04 iAntenna

Product Model

BRA-04 iHandheld Antenna

Product Function and Features

Electrical Properties: Itis for UHF RFID handheld terminal applications with high gain and low VSWR. Mechanical Properties: small size and suitable for various severe environments.

Product Applications

BRA-04 iAntenna is of convenient application in UHF RFID handheld terminals and other terminal application fields.

Performance Specifications

Frequency Range: 902MHz ~ 928MHz

VSWR: ≤1.3:1

Gain: 1.8 dBi \sim 2.2 dBi

Polarization: Circular Polarization

Axial ratio ≤3dB

Relative humidity: 5%~95%

Impedance: $50\pm1\Omega$

Connector Type: SMA (IPX optional)

Mechanical Specifications

Size: $50\,\text{mm} \times 50\,\text{mm} \times 8\,\text{mm}$

Weight: 35g

Material: Ceramic, FR4

Color: White

Production Class: Indoor use only Operating Temperature: -40 °C \sim + 85 °C Storage Temperature: -40 °C \sim + 85 °C Type of Antenna: Integral Antenna

Address: B108 and B115, Building B, Fuhai Technology Industrial Park, Huafeng Zhigu,

Fuhai Street, Bao'an District, Shenzhen



Figure 1. Antenna Photo

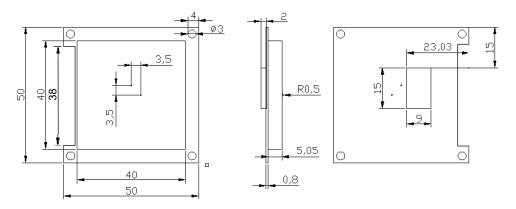


Figure 2. Antenna Dimensions



Antenna Pattern and S Parameter

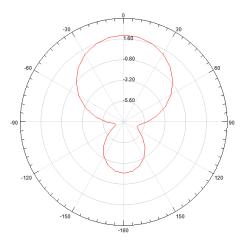


Figure 3. Antenna Pattern

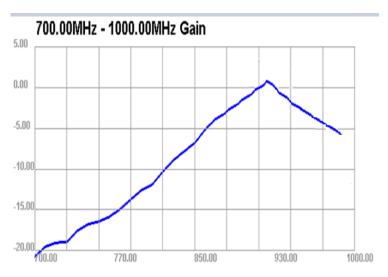


Figure 4. Antenna VSWR

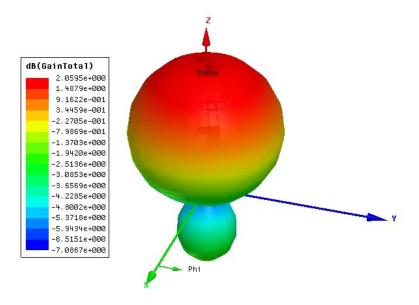


Figure 5. 3D Antenna pattern