

# RFID Antenna - BRA-02

BRA-02 is an advanced UHF 6dbic circularly polarization antenna with high gain and low VSWR. It has a compact structure and a beautiful appearance. The waterproof rating is IP67, which is suitable for some harsh working environments. BRA-02 Antenna is convenient in access control, warehousing, logistics, retail, and other UHF RFID application fields.



## Tech Specs

Frequency Range	860 - 960 MHz
VSWR (Voltage Standing Wave Ratio)	≤1.3:1
Antenna Gain	>6 dBic
H side HPBW	90°
E side HPBW	90°
Polarization	Circular Polarization
Relative humidity	5% - 95%
Impedance	50±1Ω
Connector Type	SMA-50KFD Female

## Physical Characteristics

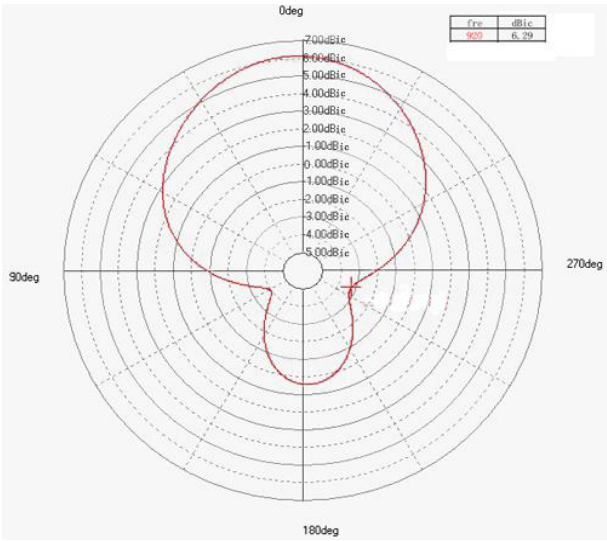
Dimensions	128mm×128mm×20mm
Weight	0.3kg (bracket excluded)
Material	Engineering plastics ASA, aluminum
Color	Milk-white
Ingress protection	IP67
Operating temperature	-40°C to +85°C

China Top RFID Hardware & Software Solution Provider

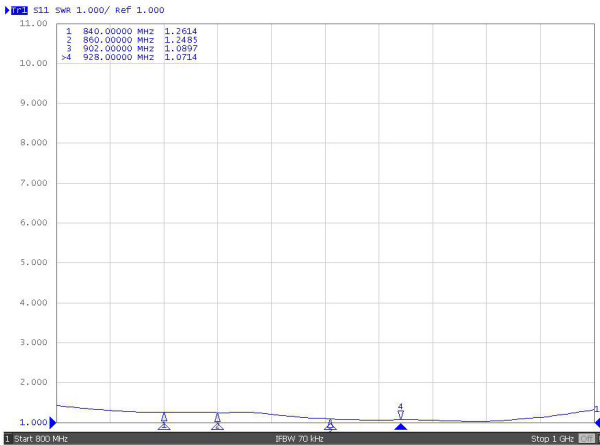
<https://nectcon.com/>



# Radiation Pattern & VSWR

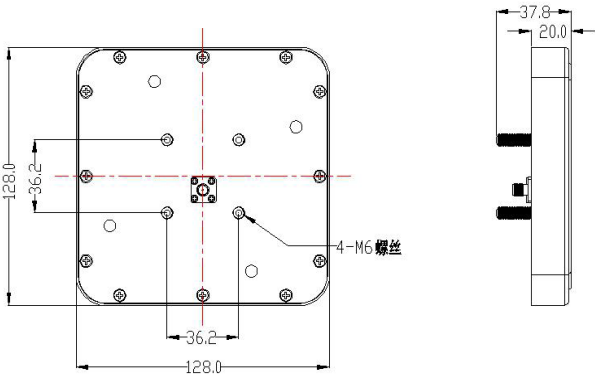


Radiation Pattern



VSWR

# Dimensions & Package



BRA-02 can be used outdoors, but it is not suitable for use in acid/alkali environments. The bracket is an optional accessory.