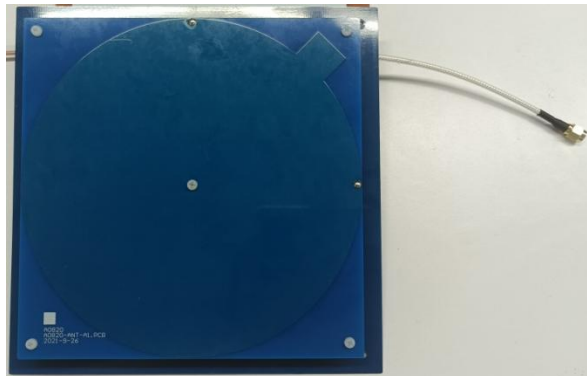


# A0820 UHF RFID 8dBi Circular Antenna



## Features

High gain, low standing wave and linear polarization, good applicability and easy installation.

## Typical applications

It can be easily applied to various indoor applications in UHF frequency band.

## Specifications

### Physical / Environmental Specifications

Dimensions	200mm*200mm*22.5mm
Weight	100G (Without bracket)
Housing Material	FR-4
Sealing	IP55
Connector type / position:	SMA male side fly lead
Mounting	Embedded installation
Operating Temp.	-20 - +70°C
Storage Temp.	-40 - +80°C
Humidity	5-95% non-condensing
Atmospheric pressure	86kPa~108kPa

### Electrical Specifications

Frequency Range	865MHz~928MHz
Polarization	Circular
Far-Field Gain	8dBiL
Beamwidth	60°x 65°
Typical VSWR	≤1.5:1
Axial ratio	<3dB
Nominal Impedance	50 (Ω)
Maximum Input Power	10W

## Radiation Pattern

