

## UHF RFID Antenna

Model: SR-AU-BZ090



### General Description

SR-AU-BZ090 is a high performance 9dBi UHF circular polarization Antenna with IP67 rating, It is widely applied in many RFID application systems such as logistics, terminals, parking lots, shopping malls, toll station, access control, and anti-counterfeit and industrial production process control system.

### Features

- \* IP67, high outdoor or indoor environmental adaptability.
- \* Fast and accurate reading speed; High data security.
- \* Long distance.
- \* Easy installation.

## Specification

Electrical Specifications	
Frequency Range	840-940MHz or customized
	865-868Mhz (EU); 902-928Mhz (US)
Gain	9dBi
Horizontal Beam Width	Hor:70 Vert:63 (Circular polarization)
F/B Ratio	$\geq 23$
VSWR	$\leq 1.3$
Impedance	50 $\Omega$
Polarization	Circular polarization / Linear polarization
Max. Power	100W
Connector	N-Female
Lightning Protection	DC ground
Mechanical Specifications	
Dimension	257*257*43
Weight	1.0 Kg
Rated Wind Velocity	60 m/s
Reflector Material	Aluminum Alloy
Radome Material	ABS
Operating Temperature	- 40~80°C
Suitable Pole Diameter	$\Phi 40-\Phi 75$

## Antenna Lobe Pattern

