



RS-B09CA01

9dBi Circular UHF RFID Antenna

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RS-B09CA01 is suitable for UHF RFID applications, such as entrance guard, warehouse management, logistics and retail item management.



Features

- **Electrical Properties**

It is a general antenna for UHF RFID applications with high gain and low VSWR.

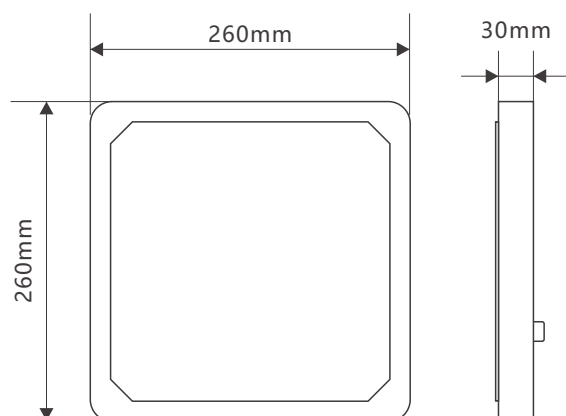
- **Mechanical Properties**

pleasing appearance with small size, double waterproof design with waterproof ring and silica gel, rib reinforcement design for shell, suitable for various severe environments.

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Product Dimensions

Any discrepancy, please defer to the real product instead.

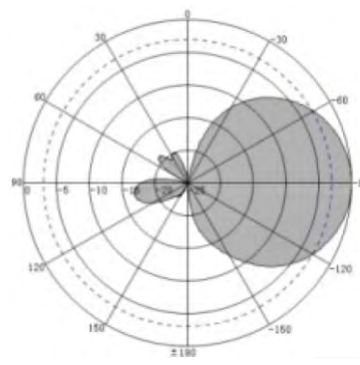
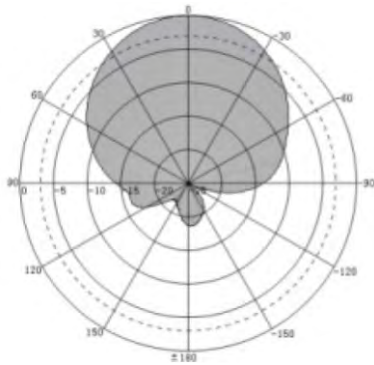


Specification

Performance Specifications	
Frequency Range	902MHz ~ 928MHz 865MHz ~ 868MHz
VSWR	≤1.3:1
Gain	9 dBi
H side HPBW	70°
E side HPBW	70°
Polarization	Circular Polarization
Impedance	50±1Ω
Mechanical Specifications	
Connector Type	N Female (one input port)
Size	260mm×260mm×30mm
Weight	1.1kg (bracket excluded)
Material	ABS, Aluminium
Color	White
IP Rating	IP67
Operating Temp.	-20°C ~ +70°C
Relative humidity	5% ~ 95%

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Radiation Pattern



Application



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