

## CYKEO-A9B

## 9dBi High Gain RFID Antenna



The CYKEO-A9B 9dBi UHF RFID Antenna delivers professional-grade circular polarization for stable tag identification across 840-960MHz. Engineered with 80° horizontal beamwidth and <math><1.5</math> VSWR, it excels in warehouse inventory drones, retail smart shelves, and automated production line monitoring. The IP65-rated construction withstands extreme temperatures (

- The 9 dBi antenna can reach up to 15 meters
- RFID technology 840~960MHz optional, support protocol extension
- Military-Grade ABS+Aluminum Housing
- With free DEMO, SDK, open API, to meet the customer's various environment function development

● Specification

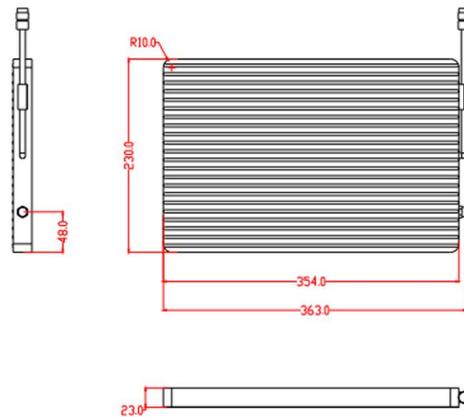
Model	CYKEO-A9B
<b>  RF SPECIFICATION</b>	
Identification Method	UHF
c	840MHz~960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-33 dbm adjustable
Read Distance	0-10m adjustable
Polarization Type	Circular
Peak Gain @915MHz	9.2dBi
Axial Ratio	<3dB
H-plane HPBW	80°
E-plane HPBW	40°
VSWR	≤1.5:1
Impedance	50 Ω
Connector Type	SMA
Size	354*229*20MM
Weight	1.14kg
<b>  BASIC SPECIFICATION</b>	
Material	ABS+Aluminum
Working Humidity	10%RH~90%RH
Operat Temperature	-20-60°C
IP Rating	IP65

- Related Model

- Common Solution

Smart Library, Archival Room, Tool Room, Supermarket, etc.

- Dimension



Unit : mm (inch)

Weight. : about

1.14kg

- Accessory

No.	item	units	quantity
1	power supply	pcs	1
2	fixed bracket	pcs	1



# RFID IoT Application



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## Subsidiary

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Cykeo Information Technology(Chengdu) Co., LTD.  
Cykeo Core Information Technology (Shanghai) Co., LTD.