Cykeo

CYKEO-A9A

UHF RFID HIGH-GAIN ANTENNA

The CYKEO-A9A UHF RFID High-Gain Antenna is engineered for enterprise-grade RFID applications requiring extended coverage and reliability. Featuring circular polarization, a wide 840-960MHz frequency range, and ultra-low VSWR ($\leq$1.4), it delivers unmatched performance in high-density RFID environments.

- 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

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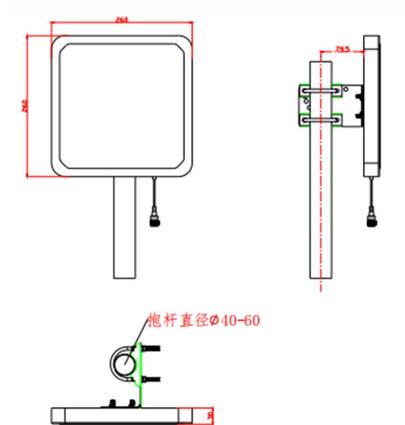## ● Specification

Model	CYKEO-A9
❘ RF SPECIFICATION	
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	70°±2°
E-plane HPBW	60°±2°
VSWR	≤1.4:1
Impedance	50Ω
Connector Type	SMA
Size	260*260*30MM
Weight	1.1kg
❘ BASIC SPECIFICATION	
Material	ABS+Aluminum 6061
Working Humidity	10%RH~90%RH
Operat Temperature	-20-60℃
IP Rating	IP65

- **Related** Model

- **Common Solution**

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

- **Dimension**

抱杆直径∅40-60

Unit : mm (inch)
Weight. : about 1.1kg

- **Accessory**

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

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RFID IoT Application

Need Advice

Subscribee

Cykeo

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