

## CYKEO-A3

## UHF RFID 3DBi ANTENNA



The CYKEO-A3 Ceramic UHF RFID Antenna delivers superior RF performance for industrial RFID systems. Engineered with advanced PCB material and circular polarization technology, it achieves  $>3\text{dBi}$  gain with  $\text{VSWR} \leq 1.3:1$  across full UHF spectrum. Ideal for integration into fixed readers, vehicle-mounted trackers, and smart shelf solutions requiring stable long-range detection.

- Rugged ABS+Aluminum IP65 Design
- IP65-Rated Industrial Durability
- Ultra-Low 1.3:1 VSWR for Stable Transmission
- 5m+ Long-Range Tag Detection

● Specification

Model	CYKEO-A3
<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	0-8m adjustable
Polarization Type	Circular
Peak Gain @915MHz	3dBi
Axial Ratio	<0dB
H-plane HPBW	70° ±2°
E-plane HPBW	70° ±2°
VSWR	≤1.3:1
Impedance	50 Ω
Connector Type	SMA-KF
Size	67*50*15mm
Weight	230g
<b>  BASIC SPECIFICATION</b>	
Material	ABS+Aluminum
Working Humidity	10%RH~90%RH
Operat Temperature	-40° C~+85° C
IP Rating	IP65

- **Related Model**

- **Common Solution**

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

- **Accessory**

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



# RFID IoT Application



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## Headquarters

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## Factory

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## Subsidiary

Hefei Jianshen InformationTechnology Co.,  
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Cykeo Information Technology (Shandong) Co., LTD.  
Cykeo Information Technology (Chengdu) Co., LTD.  
Cykeo Core Information Technology (Shanghai) Co., LTD.