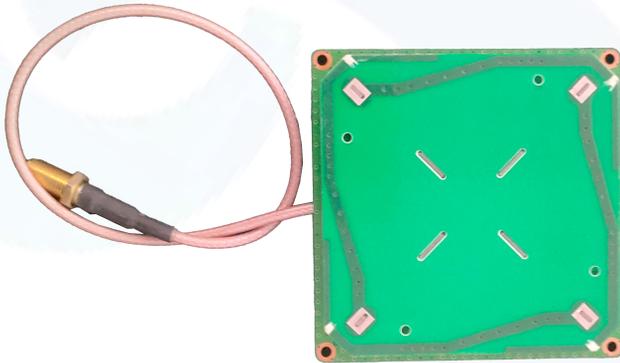


CYKEO-B5

5dBi UHF Directional RFID Antenna



The CYKEO-B5 UHF RFID Antenna delivers superior circular polarization with $>5\text{dBi}$ gain, optimized for automated inventory systems and smart warehouses. Featuring ultra-low 1.3:1 VSWR and 120° wide beamwidth, it ensures stable tag reading in high-density environments. Its compact 70mm design withstands $-20^\circ\text{C}\sim 60^\circ\text{C}$ temperatures, making it ideal for global logistics and manufacturing automation.

- Rugged ABS+Aluminum IP65 Design
- 5dBi High Gain - Extended 10m+ read range
- RFID technology 840~960MHz optional, support protocol extension
- Ultra-Low 1.3:1 VSWR for Stable Transmission
- With free DEMO, SDK, open API, to meet the customer's various environment function development

● Specification

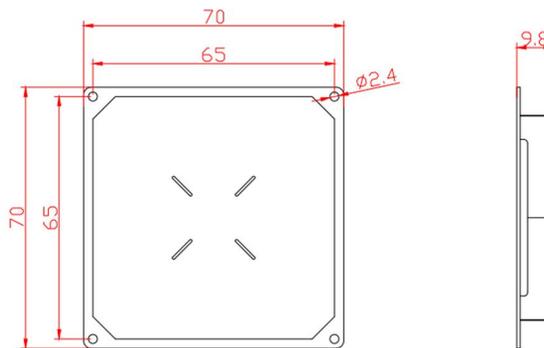
Model	CYKEO-B5
 RF SPECIFICATION	
Identification Method	UHF
c	840MHz~960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-33 dbm adjustable
Read Distance	0-8m adjustable
Polarization Type	Circular
Peak Gain @915MHz	5dBi
Axial Ratio	<3dB
H-plane HPBW	120°
E-plane HPBW	114°
VSWR	≤1.3:1
Impedance	50 Ω
Connector Type	SMA-KF
Size	70*70*10mm
Weight	235g
 BASIC SPECIFICATION	
Material	ABS+Aluminum 6061
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.

- Dimension



Unit : mm (inch)
Weight. : about 235g

- Accessory

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



RFID IoT Application



Need Advice



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