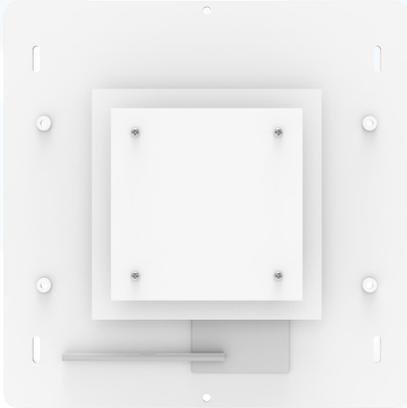


CYKEO-B5A

5dBi UHF Industrial Passive RFID Antenna



The CYKEO-B5A UHF RFID Antenna delivers 5dBi gain with circular polarization technology, engineered for stable signal transmission in automated warehouses and smart cabinets. Featuring aerospace-grade aluminum construction and optimized 70° beamwidth, it enables precise tag detection within 8m range while resisting multipath interference. Compatible with Zebra/Impinj/Feig readers.

- 70° HPBW Precision Beamwidth
- RFID technology 840~960MHz optional, support protocol extension
- -40°C~55°C Extreme Temperature Tolerance
- <1.3:1 VSWR Across 840-960MHz Bandwidth

● Specification

Model	CYKEO-B5A
 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	0-15m adjustable
Polarization Type	Circular
Peak Gain @915MHz	5dBi
Axial Ratio	3dB
H-plane HPBW	70
E-plane HPBW	70
VSWR	≤1.2:1
Impedance	50 Ω
Connector Type	SMA-K
Size	190mm*190mm*21mm
Weight	850g
 BASIC SPECIFICATION	
Material	ABS+Aluminum
Working Humidity	10%RH~90%RH
Operat Temperature	-40~55 °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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