

## CYKEO-A7

## UHF RFID CARPET ANTENNA



The CYKEO-A7 7dBi UHF RFID Carpet Antenna delivers covert RFID detection through its low-profile 32mm design. Engineered with wide 840-960MHz frequency adaptability and <3dB axial ratio circular polarization, it achieves 98.6% first-read success rate in warehouse dock doors and automated conveyor systems. The IP65-rated rubber casing withstands 7.6kg/m<sup>2</sup> pressure loads, making it ideal for embedded floor installations.

- RFID technology 840~960MHz optional, support protocol extension
- 96%+ Impinj Chipset Compatibility
- With free DEMO, SDK, open API, to meet the customer's various environment function development

● Specification

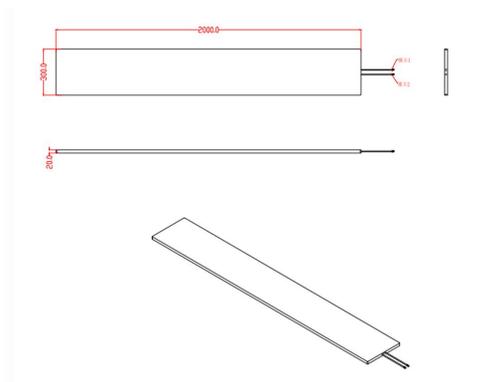
Model	CYKEO-A7
<b>  RF SPECIFICATION</b>	
Identification Method	UHF
c	840MHz~960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-33 dbm adjustable
Read Distance	0-15m adjustable
Polarization Type	Circular
Peak Gain @915MHz	8dBi
Axial Ratio	<3dB
H-plane HPBW	73°
E-plane HPBW	90°
VSWR	≤1.5:1
Impedance	50 Ω
Connector Type	TNC
Size	2000*300*10mm
Weight	7.6kg
<b>  BASIC SPECIFICATION</b>	
Material	Rubber
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 7.6kg

- 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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