

CYKEO-B10

UHF RFID HIGH-GAIN ANTENNA



The CYKEO-B10 UHF RFID Antenna delivers 10dBi high gain with <1.4 VSWR across 840-960MHz, engineered for warehouse automation and smart manufacturing. Its circular polarization ensures stable tag reads regardless of orientation, while the rugged ABS-aluminum composite construction withstands extreme temperatures (-20°C ~ 60°C) and outdoor conditions.

- 10dBi Gain & 75° Wide Coverage Pattern
- RFID technology 840~960MHz optional, support protocol extension
- -40°C ~ 55°C Extreme Temperature Tolerance
- DC Grounded Lightning Protection System
- Universal TNC Connector for Any RFID Reader

● Specification

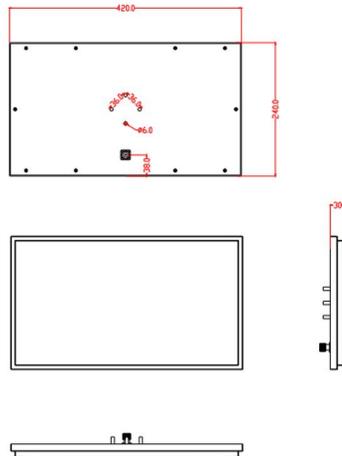
Model	CYKEO-B10
 RF SPECIFICATION	
Identification Method	UHF
Frequency range (MHz)	840MHz~960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-33 dbm adjustable
Read Distance	0-15m adjustable
Polarization Type	Circular
Peak Gain @915MHz	10dBi
Axial Ratio	3dBI
H-plane HPBW	75
E-plane HPBW	40
VSWR	≤1.4
Impedance	50 Ω
Connector Type	TNC
Size	420*240*30MM
Weight	1.14KG
 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.

- Dimension



Unit : mm (inch)
Weight. : about
1.14kg

- Accessory

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



RFID IoT Application



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