GSRFID

GS-B12

HIGH-GAIN UHF RFID ANTENNA

The GS-B12 High-Gain UHF RFID Antenna delivers professional-grade performance for automated identification systems. Featuring optimized 840-960MHz frequency response and <3dB axial ratio, it ensures stable tag reading in dynamic environments.

- Operates across global UHF spectrums (840-960MHz)
- 70° H-plane beamwidth for area scanning
- -40℃~55℃ Extreme Temperature Tolerance
- Compatible with EPC Gen2/ISO 18000-6C
- Universal TNC Connector for Any RFID Reader

Specification

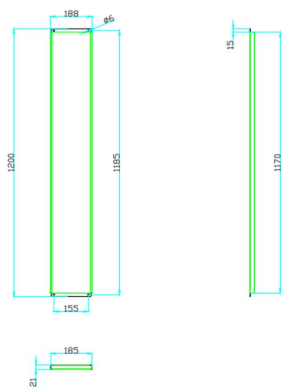
Model	GS-B12
RF SPECIFICATION	
Identification Method	UHF
Frequency range (MHz)	840MHz ~ 960MHz
Protocol Support	EPC C1G2, ISO 18000-6B, ISO 18000-6C
Antenna Gain	0-33 dbm adjustable
Read Distance	0-15m adjustable
Polarization Type	Circular
Peak Gain @915MHz	12dBi
Axial Ratio	3dBI
H-plane HPBW	70
E-plane HPBW	**20**
VSWR	≤1.5
Impedance	50Ω
Connector Type	SMA
Size	1200*188*21mm
Weight	3.5KG
BASIC SPECIFICATION	
Material	ABS+Aluminum
Working Humidity	10%RH~90%RH
Operat Temperature	-40 ~ 55 ℃
IP Rating	IP65

- **Related Model**

- **Common Solution**

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

- **Dimension**



Unit : mm (inch)
Weight. : about 3.5kg

- **Accessory**

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