



UHF 6DBI Circularly Polarized Antenna

1. Overview

Suitable for 865-868MHz RFID passive tag reading and writing system.

Applicable to RFID passive electronic tag reading and writing system in the 865-868MHz frequency band.

Physical advantages: small size and nice appearance.

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Electrical performance advantages: high gain, low standing wave, in the operating bandwidth can achieve excellent tag reading performance.

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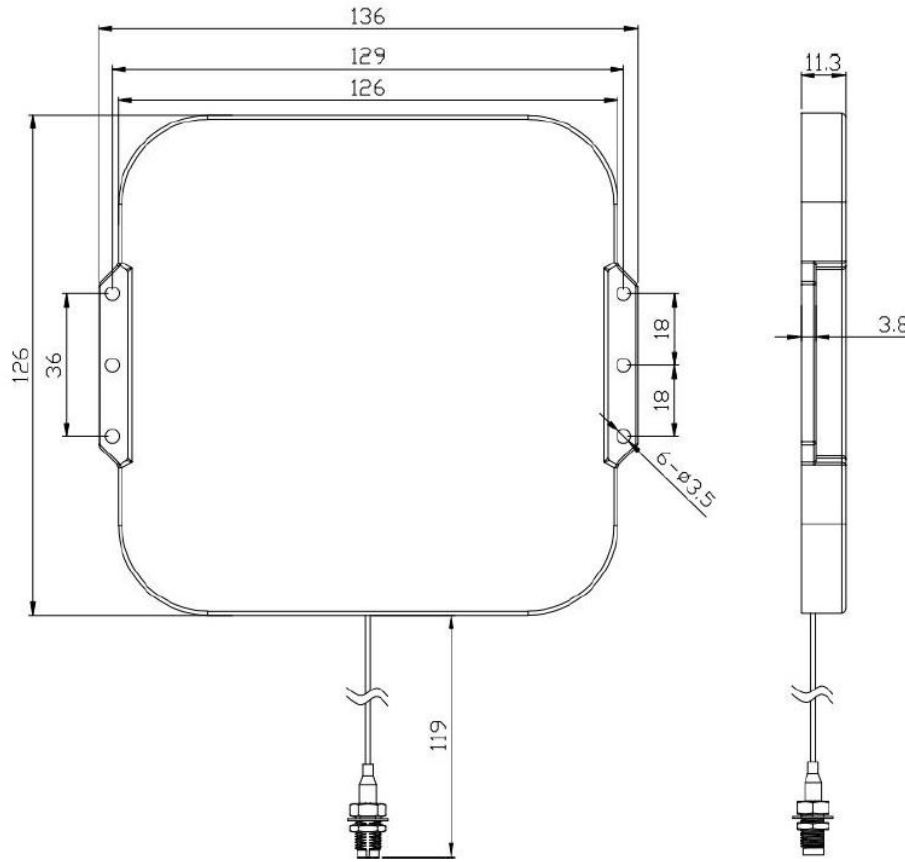
2. Electrical Parameters

2.1	Frequency Range Frequency Range(MHz)	865-868MHz
2.2	Gain(dBi)	>6dBi
2.3	Half Power Angle Beam Width(°)	Hor:70°/ Ver:70°
2.4	VSWR	≤2.0
2.5	Characteristic Impedance(Ω)	50 Ω
2.6	Polarization Mode Polarization	Circular Polarization
2.7	Axial Ratio (DIB)	The Center Frequency is less than 2 DB

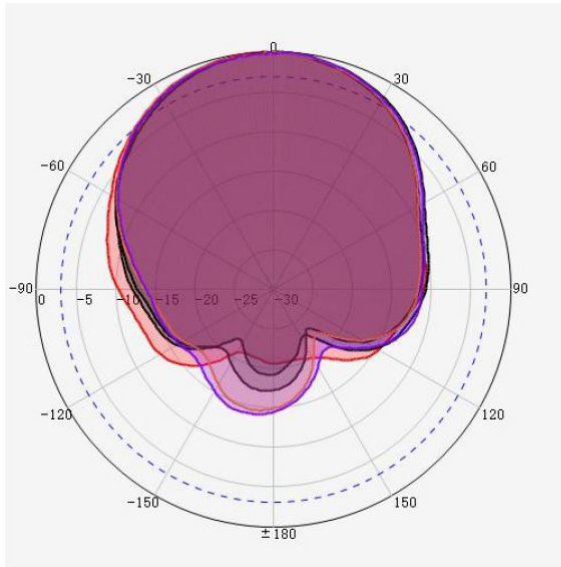
3. Mechanical Specifications

3.1	Connector	Side lead RG316/12cm/SMA-K
3.2	Antenna Dimension (mm)	136*126*11,3mm
3.3	Net weight Antenna weight(kg)	0.25kg
3.4	Reflector material	F4B Low loss Board
3.5	Radome material	ABS
3.6	Radome color	yellow
3.7	Defend protection grade	IP67
3.8	Operating Temperature	-40 to 55°

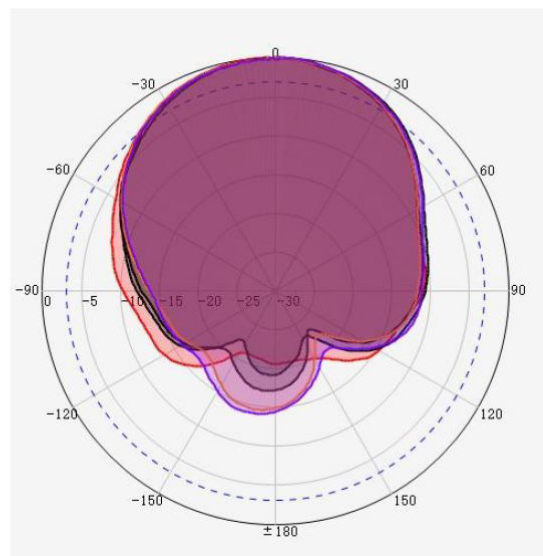
4. Dimension



5. Radiation Pattern



V-face



H-plane