

Product introduction

Ceramic dielectric antenna products can be used in GPS and RFID products. It adopts right-handed circular polarization design and flat small structure. It has the characteristics of low reflection loss, small axial ratio and high gain.

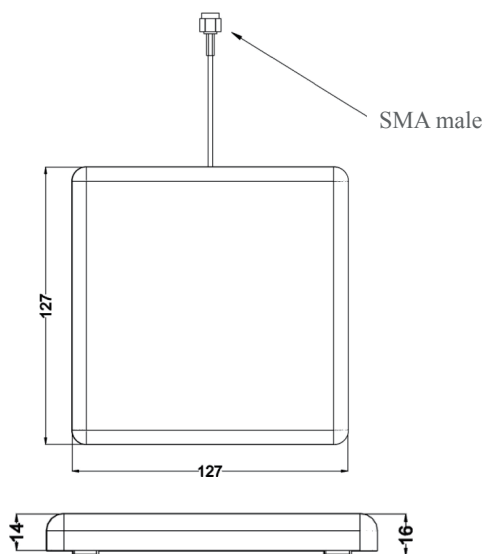


Structure and materials

NO.	Item	Structure and materials
1.1	Antenna substrate material	Dielectric ceramics
1.2	Pin	Copper tin alloy
1.3	Pole	Silver-plate
1.4	Ground	Silver-plate
1.5	Protection	ABS plastic sealing protection
1.6	Installation	Magnetic suction or screw fixation

Appearance characters

Color	Black
Size (mm)	127*127*16



Electrical performance

NO.	Item	Specifications
2.1	Center frequency (MHz)	915±3
2.2	Band (MHz) (Return loss≤-10dB)	≥20
2.3	SWR	≤1.3
2.4	Gain (dBi typ)	5.3dB typical
2.5	Polarization direction	Right-Handed Circular
2.6	Independence (Ω)	50
2.7	Frequency temperature coefficient (ppm/°C)	0±10



official account

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