

RDA-9N62R 900M Built in card dispenser antenna

Product images

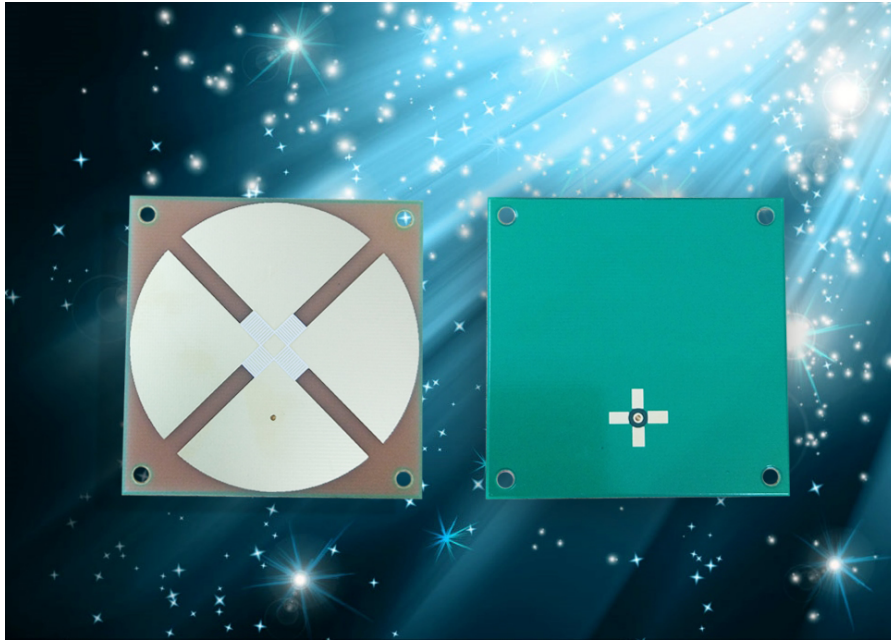


Figure 1: Front and back images of the 900M built-in card dispenser antenna

1. **Product application areas**
2. The 900M built-in card dispenser antenna is a dedicated antenna for 900M card dispensers. This antenna has superior directional characteristics, with a long card reading distance directly above the antenna and a short card reading distance in front, back, left, and right of the antenna, making it very suitable for 900M card issuers.
3. **Technical parameters:**

Table 1 Definition of Product Parameters for 900M Built in Card Dispenser Antenna

Frequency range(MHz)	902MHz~928MHz
Polarization mode	circular polarized
gain(dBi)	0dBi
axial ratio(dB)	<3dB
impedance(Ω)	50 Ω
vswr(VSWR)	$\leq 1.5:1$
joint	MMCX
Antenna size(mm)	62×62×1mm
net weight	10g
Antenna material	PCB
operation temperature($^{\circ}$ C)	-40 $^{\circ}$ C ~ +85 $^{\circ}$ C

4. Product size parameters

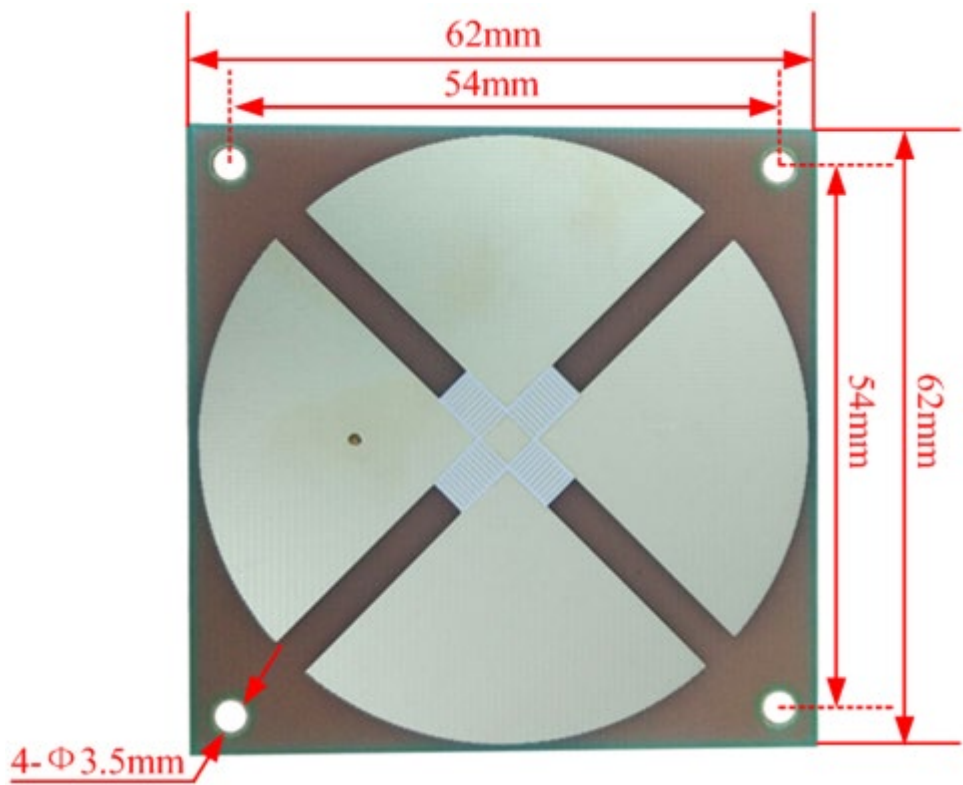
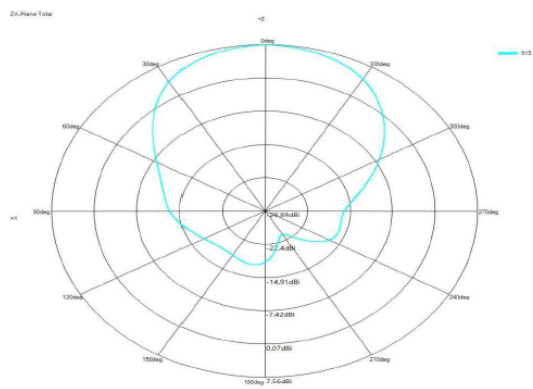
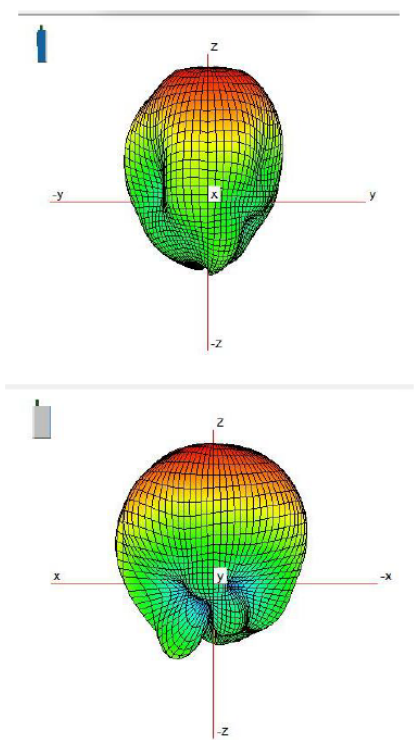


Figure 2: The length, width, and positioning hole size of the 900M built-in card dispenser antenna



Antenna 2D pattern 1 (phi=90 °)



Antenna 3D pattern