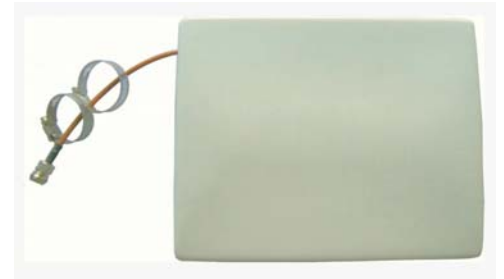


# NFC-9602R

## Middle-range Circular Polarization Antenna



### Technology parameter:

#### Electrical Specifications

Frequency	902MHz-928MHz
Gain	7.5~8.1 dBi (Max.: 8.3dBi)
Horizontal 3dB Beamwidth	65°±5°
Vertical 3dB Beamwidth	65°±5°
Circular Polarization ratio	<2 dB
Front-Back Ratio	>17dB
Polarization	Right circular
Impedance	50Ω
VSWR	< 1.3
Maximum Input Power	100 W
Connector	N—F
IM.3 <sup>rd</sup> Order(2x43dBm)	<-150dBc
Lightning Protection	Direct Ground
Work temperature Range	-40℃ ~+55℃

#### Mechanical Specifications

Dimensions (L×W×H)	225mmx225mmx25mm(no cover)
Weight of Antenna	800g
Radome Material	Fiberglass
Horizontal	60°
Angle of Pitch	0°~10°
Rated Wind Velocity	241km/h

### Key Features:

- 7dBi gain designing.
- Circular polarization.

### Typical Applications:

- Intelligent traffic such as ETC, customs border-crossing, parking lot, automatic weighing etc.
- Logistics such as container management, pallet management, asset tracing etc.
- Ticketing& access control
- Pharmaceuticals such as medical waste management, etc.