



This antenna features a wide beam width which provides extensive coverage across a boundary edge.

Initially designed for boundary/threshold crossing applications, the antenna has a very wide beam width to maximize zone coverage. The antenna's wide beam width provides extensive coverage across a boundary edge. It provides a consistent and continuous read zone when linearly distributed head-to-tail. At 46 × 9 × 2 cm, the antenna's planar form factor fits readily onto fencing or other borders. By lining the antennas up along the short edge, one continuous read zone may be established along a boundary line.

Key Features

- ✓ Strong far-field performance
- ✓ Wide beam width to maximize zone coverage
- ✓ Low profile form factor
- ✓ Optimized performance for operation from 902 to 928MHz



Specifications



Frequency Range	902MHz to 928MHz
Far-field Gain	5.0dBi
HPBW (x-z plane)	60°±3°, 3dB beam width
HPBW (y-z plane)	120°±3°, 3dB beam width
Pattern Variation (x-y plane)	10dBi, between max and min
Polarization	Linear, parallel to short axis
VSWR	2:1
Input Impedance	50Ω
Input Power	30dBm, 22dBm absolute max
ESD	2KV, Human Body Model
IP Rating	IP54, indoor and outdoor use
Temperature	-25°C to 55°C, indoor and outdoor
Humidity	5-95%, performance will be severely degraded if antenna is subjected to any standing water
RoHS	N/A, designed to meet RoHS, not certified RoHS
Weight	710g
Connector	BNC plug, antenna comes standard with BNC jack to BNC jack converter
Cable length	305mm, +/- 12mm
Radome	ABS
Enclosure	Bent sheet aluminum, clear finish
Dimensions	457mm × 89mm × 19mm





GAO RFID Inc.

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Celebrating Over 15 Year of Innovation

Product Overview

902 to 928MHz Threshold Antenna (326010)



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