



This mini RFID reader antenna is immune to the RF-transmission limiting effects of items such as liquids, powders, and metallic packaging.

This mini RFID reader antenna operates effectively at a maximum read distance of 7.5 cm and is specifically designed for demanding item-level deployments. Because of its optimized short-range performance, this antenna is immune to the RF-transmission limiting effects of items such as liquids, powders, and metallic packaging. The mini reader antenna is the ideal choice for applications in access control, ticketing, document control, high-speed encoding stations, packaging lines, or any application requiring high reliability and a constrained read zone.

Key Features

- ✓ Strong near-field performance for reading tags at a range of 0 to 7.5cm
- ✓ Small form factor
- ✓ Weak far-field gain to minimize stray reads
- ✓ Broadband design to enable world-wide operation





Specifications

Frequency	865MHz to 954MHz, broadband for use in both North America and Europe
Near Field Intensity	-13dBA/m, enter of antenna 1cm from radome, 30dBm input power
Far Field Gain	-20dBi
Polarization	Linear, parallel to short axis
VSWR	1.25:1, center of band
Input Impedance	50Ω
Input Power	30dBm, 33dBm absolute max
ESD	2kV, Human Body Model
IP Rating	IP41, indoor use only
Operating Temperature	0°C to 40°C, indoor use only
Humidity	5 to 95%, relative, non-condensing
RoHS	N/A, designed to meet RoHS, not certified RoHS.
Weight	114g
Connector	SMA female, requires accessory cable to connect to reader's RP-TNC connector.
Radome	Acrylic
Enclosure	Aluminum w/black anodized coating.
Dimensions	69.85mm × 133.35mm × 19.05mm





GAO RFID Inc.

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Celebrating Over 15 Year of Innovation

Product Overview

865MHz to 954MHz Mini RFID Reader Antenna

(326011)



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