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The 902 to 928MHz Guardwall antenna provides a tightly controlled read zone and intense RF field penetrating deep into packed cases thus is ideal for item-level reading of packed goods. Used in pair, this antenna absorbs energy from its opposing mate so that very little passes beyond the exterior face. This combination maximizes stray read rejection by constraining the read zone to the area within the two antennas. It also increases read reliability by maximizing the intensity within the read zone. A pair of these antennas used together creates an intense, well-contained read zone.

Key Features

- ✓ Well-controlled read zone minimizes stray reads
- ✓ Optimizd for reading item-level tags packed in cases
- ✓ Designed for RoHS compliance





Specifications

IP Rating	IP51, indoor use only
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
Frequency Range(FCC)	902MHz to 928MHz North America 865Mhz to 868 Europe
Far Field Gain	6dBi
Polarization	Dual elements with separate connectors for two circular polarizations (RHCP and LHCP)
Axial Ratio (Max)	3dB
3-Db Beamwidth	55Deg
Front to Back Ratio	22dB
VSWR	1.5:1, 50Ω reference
Input Power	30dBm absolute max
Weight	5kg
Connector	2X SMA female, Requires accessory cable to connect to reader's RP-TNC connector
Radome	ABS, Designed to meet RoHS, not certified RoHS
Backplane	Aluminum, Alloy 5052 H32, class 3 iridite finish
Enclosure	Aluminum, painted black, designed to meet RoHS, not certified RoHS.
Dimensions	702mm. × 402mm. × 73mm. (27.6in. × 15.8in. × 2.9in.)





GAO RFID Inc.

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Product Overview

902 to 928MHz Guardwall Antenna (326012)



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