

EnC 12dBi UHF RFID Antenna

Circular Polarized RFID Antenna



Key Features

RFID Frequency

865 - 868 Mhz

Product

UHF RFID Circular Antenna

Dimensions

257mm x 257mm x 33mm

Gain

12dBi

Connector type

N-Female

Impedance

50 ohm

Product Description

The Circular Polarized UHF RFID Antenna is a high-performance antenna designed for use with UHF RFID systems. This type of UHF RFID antenna offers several advantages over other types of RFID antennas, including improved read range and accuracy. This ultra-high frequency (UHF) RFID Antenna has a frequency range of 865-868 MHz with a gain of 12dBi.

RFID Circular Polarized UHF Antenna has a longer read range than linear polarized antenna or patch antennas. This is because the circular polarization of the antenna allows for better signal propagation and penetration through materials, resulting in a wider and more consistent read range.

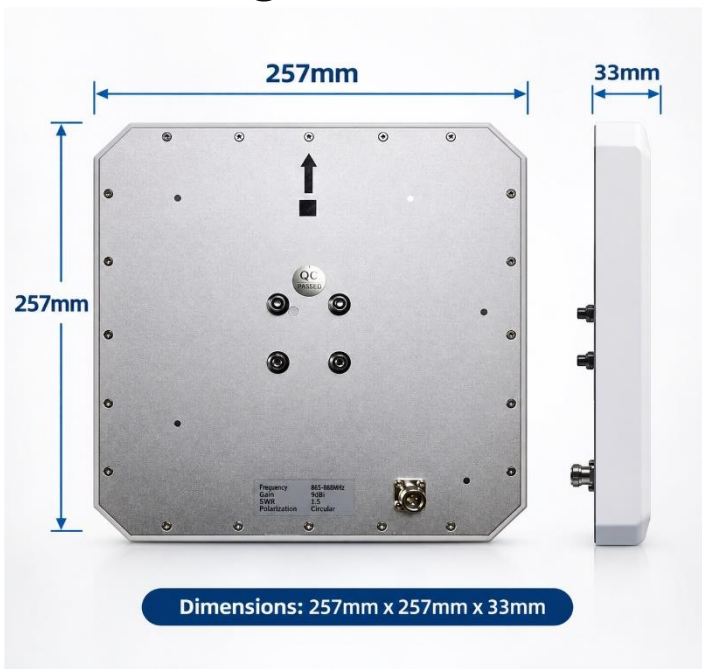
Tag Applications

- ❖ Inventory management
- ❖ Asset management
- ❖ Toll plaza automation
- ❖ Hospital access control

Technical Specifications

Operating Frequency	865 - 868 MHz
Polarization	UHF RFID Circular Antenna
Dimensions	257mm x 257mm x 33mm
Gain	12dBi
Connector Type	N-Female
Polarization	Right-hand Circular, Left-hand Circular
Impedance	50 ohm
Maximum Power	100 W
Lightening Protection	DC Ground
Maximum VSWR	1.3:1
IP Rating	IP67

Product Diagram



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