

EnC 9dBi RFID Antenna, Circular Polarized

with Mounting Bracket (UHF/T9NC)



Key Features

RFID Frequency

860-870 MHz

Polarization

Circular Polarization (RHCP/LHCP)

Model

UHF/T9NC

Gain

9 dBi

Read Range

9m/29 feet

Impedance

50 ohm

Mounting Style

Wall/Pole

Product Description

We offer a selection of UHF 9dBi circular Polarized antennas that offer long-range communication between a [UHF RFID tag](#) and an RFID reader. The Antenna works on UHF Frequency (860-960MHz), well suited for use in heavy-demand logistics and supply chain operations, warehouse management as well as access control systems in smart buildings and offices.

The RFID Antenna comes with Flush and Vesa Mount and N connectors for easy installation. It comes in polycarbonate covering with plenum ratings offering fire resistance. The circular polarization in the [UHF RFID antenna](#) allows it to work efficiently in all directions no matter the reader alignment.

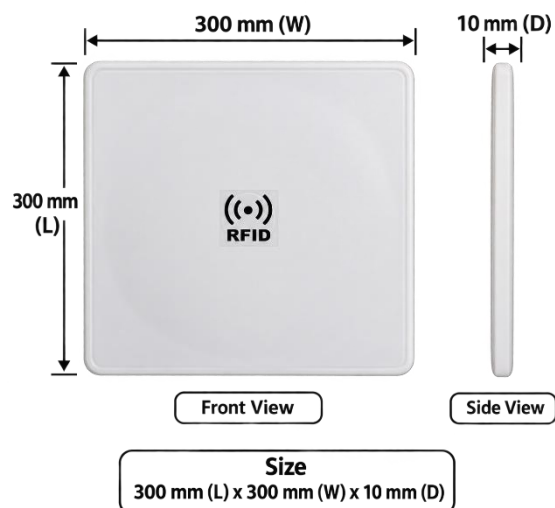
Tag Applications

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

Technical Specifications

Operating Frequency	860-870 MHz
Polarization	Circular Polarization (RHCP/LHCP)
Model	UHF/T9NC
Gain	9 dBic
Connector Type	N Connector
Dimension(mm)	300mm(L) X 300mm(W) X 10mm(D)
VSWR(Max)	1.5:1
Axial Ratio(dB)	2(Max)
Max. Power Input (Watts)	50
Impedance	50 ohm
Front to Back Ratio(dB)	>20
Lightning Protection	DC Grounded
Gross Weight (Kg)	1.5
Radome	UV Stabilized ABS
Mounting Hardware	MS Galvanized & Powder Coated
Mounting Style	Wall/Pole
Water Proofing	IP65
Operating Temperature	-40° to +70°C

Product Diagram



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