

Quad^{IP} - WANT021IP

**Circular Polarized
Compact Antenna
FCC**



Overview

The **Quad^{IP}** is a medium-short range RAIN RFID antenna in a compact and robust form factor.

The **Quad^{IP}** antenna is well suited for building small RFID gates, read point for access control or to be installed on conveyors in industrial environments.

The high IP rating (IP67) permits to install the **Quad^{IP}** antenna for outdoor solution or in harsh environments.

Thanks to the circular polarization, the reading range is not affected by the tag orientation.

Features

- Designed for RAIN RFID short/medium range applications
- Frequency Range 902÷928 MHz
- Gain 0.7 dBi
- Circular Polarization

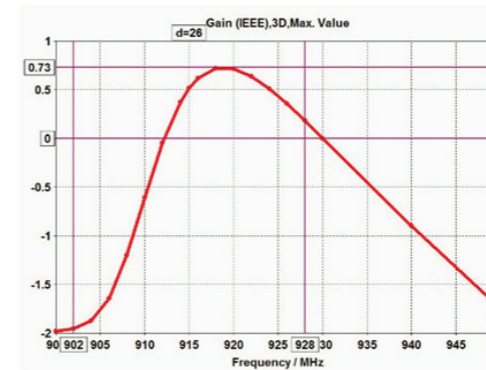
Ordering Options

WANT021IPXXA	QuadIP - FCC			
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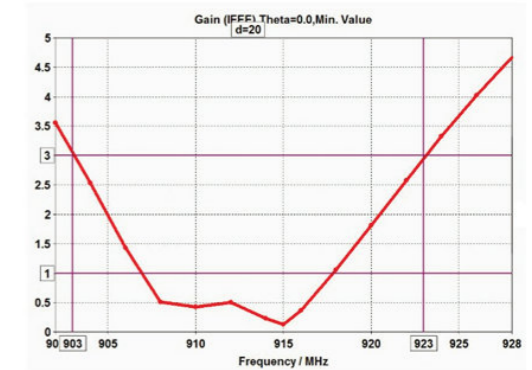
Technical Specification Table

Frequency Range	902÷928 MHz (FCC part 15.247)
Polarization	Right Hand Circularly Polarized (RHCP)
Gain	0.7 dBi typical
Axial Ratio	1 dB typical
VSWR	<1.5:1
Nominal Impedance	50 Ohm
Dimensions	- (L) 100 x (W) 100 x (D) 25 mm ³ - 3.94 x 3.94 x 0.98 inch ³
RF Connector	SMA jack female, straight
Radome	Flame-resistant ABS UL94V-0
Color	Charcoal gray
Weight	140 gr.
Operating Temperature	-25 °C to +70 °C -13 °F to +158 °F
IP Rating	IP 67
Material Substance Compliance	RoHS compliant

Antenna Gain



Axial Ratio



Radiation Patterns

