

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

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
	- (L) 100 x (W) 100 x (D) 25 mm ³
Dimensions	- (L) 100 x (W) 100 x (D) 23 Hilli - 3.94 x 3.94 x 0.98 inch ³
Dilliciisions	5.54 X 5.54 X 0.50 IIICII
RF Connector	SMA jack female, straight
Radome	Flame-resistant ABS UL94V-0
Color	Charcoal gray
Weight	140 gr.
Operating	-25 °C to +70 °C
Temperature	-13 °F to +158 °F
IP Rating	IP 67
Material	
Substance	
	compliant
	,



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Ordering Options

WANT021IPXXA QuadIP - FCC

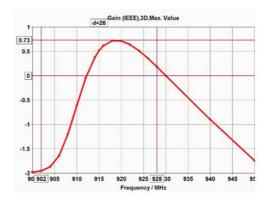
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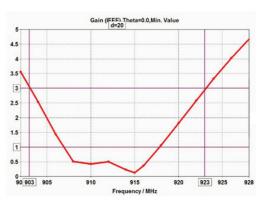
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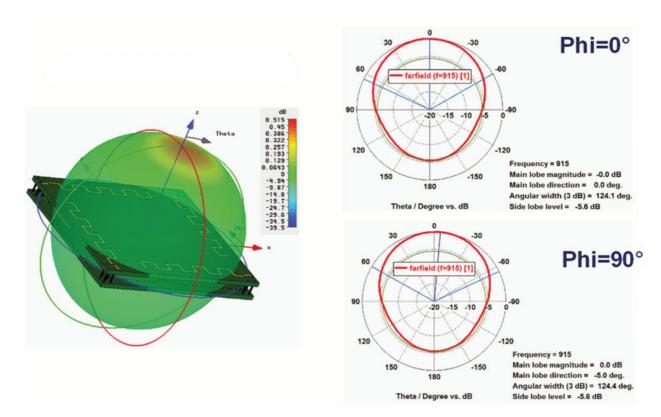
Antenna Gain



Axial Ratio



Radiation Patterns



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