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## **2J 4G-5G WiFi Ultraband Weatherproof Adhesive Antenna, 617 to 5925 MHz**

SKU  
ANT-2J-00002  
MPN  
2J4983P

## Description

The 2J 4G-5G WiFi Ultraband Weatherproof Adhesive Antenna (SKU: ANT-2J-00002, Part Number: 2J4983P) is a versatile adhesive patch antenna ideal for a range of applications, including automotive, marine, and M2M markets. This antenna operates within a broad frequency range of 617 to 5925 MHz, providing reliable performance across multiple bands. Made from durable ASA plastic, it features an IP67 ingress protection rating, ensuring robust weather resistance, and functions efficiently in temperatures from -40 °C to 85 °C.

The antenna supports a 1x1 SISO configuration, with a single RF connection via an SMA Male interface. It connects using an L-195 cable, 300 mm in length, and is linear polarised with a 50  $\Omega$  impedance, handling up to 25 W input power.

The antenna is RoHS compliant, reflecting its adherence to environmental standards. As a product from 2J, a leader in antenna solutions, it benefits from advanced engineering and design tools...

[Read More](#)





## [2J](#)

2J is a worldwide supplier of antenna solutions for Automotive, Marine, Telematic, Automation and M2M markets. 2J utilise a plethora of modern engineering tools, from network analysers and anechoic chambers, to simulation software and 3D printers. These tools help reduce design phases, and enable us to react to customers' needs promptly and efficiently.

Over the past decade, 2J has established ...

## RF Specification

### Cable 1: 5GNR

Start Frequency

617 MHz

Stop Frequency

5925 MHz

Max. Input Power

25 W

Polarisation

[Linear](#)

Input Impedance

50  $\Omega$

RF Connectors

Ports	RF Interface	Body Shape	Cable Series	Length
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1	<a href="#">SMA Male</a>	<a href="#">Straight</a>	<a href="#">L-195</a>	3000 mm
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Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	Return Loss	VSWR	Avg. Gain	Efficiency
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617 MHz	960 MHz	2.2 dBi	> 8.2 dB	< 2.8:1 -2.8 dBi	56%
1427 MHz	2690 MHz	3.5 dBi	> 12.3 dB	< 1.8:1 -2.2 dBi	60%
3300 MHz	5000 MHz	3 dBi	> 8.6 dB	< 2.3:1 -3.6 dBi	46%
5150 MHz	5925 MHz	0.5 dBi	> 7.6 dB	< 2.8:1 -6.3 dBi	26%

## Physical Specification

Subtype

[Adhesive Patch](#)

Input Ports

1

MIMO

[1x1 SISO](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

85 °C

Dimensions

150.5 x 42 x 15.3

Ingress Protection

[IP67](#)

Materials

[ASA Plastic](#)

Mounting

[Adhesive](#)

Compliance/Certifications

RoHS

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