

2J Dagger 4G-5G Weatherproof Terminal Antenna, 617 to 3800 MHz, SMA Male

SKU

ANT-2J-00006

MPN

2JW1483

Description

The 2J Dagger 4G-5G Weatherproof Terminal Antenna (SKU: ANT-2J-00006) is a robust monopole antenna designed for diverse applications, operating efficiently within a frequency range of 617 to 3800 MHz. Constructed from durable ABS Plastic and Polycarbonate, it is IP67 rated, ensuring reliable performance in harsh environments. Its operational temperature spans from -40°C to 85°C, making it suitable for extreme conditions.

This antenna features a single SMA Male input port and supports up to 25 W of input power with a 50 Ω impedance. It offers linear polarisation and showcases consistent RF performance across multiple frequency bands.

Renowned for its quality, 2J is a global leader in antenna solutions, catering to automotive, marine, telematics, and M2M markets. Their advanced engineering capabilities ensure tailored solutions to meet specific customer needs, backed by compliance with RoHS certifications.



[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

Start Frequency

617 MHz

Stop Frequency

3800 MHz

Max. Input Power

25 W

Polarisation

[Linear](#)

Input Impedance

50 Ω

RF Connectors

RF Interface Body Shape

[SMA Male](#)

[Straight](#)

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	Return Loss	VSWR	Avg. Gain
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617 MHz	960 MHz	-0.4 dBi	> 13.7 dB	< 1.6:1	-4.1 dBi
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1525 MHz	2690 MHz	0.6 dBi	> 14.3 dB	< 1.7:1	-3 dBi
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3300 MHz	3800 MHz	-1.6 dBi	> 4.4 dB	< 6.3:1	-5.9 dBi
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Physical Specification

Subtype

[Monopole](#)

Input Ports

1

MIMO

[1x1 SISO](#)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

85 °C

Dimensions

192 x 20 x 18

Ingress Protection

[IP67](#)

Materials

[ABS Plastic, Polycarbonate \(PC\)](#)

Compliance/Certifications

RoHS

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