

# 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  $\Omega$  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	Polarisation:	Linear
Stop Frequency:	3800 MHz	Input Impedance:	50
Max. Input Power:	25 W		

## RF Connectors

**RF Interface**

SMA Male

**Body Shape**

Straight

## Frequency Test Data

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

# Physical Specification

Subtype:	Monopole	Dimensions:	192 x 20 x 18
Input Ports:	1	Ingress Protection:	IP67
MIMO:	1x1 SISO	Materials:	ABS Plastic, Polycarbonate (PC)
Min. Operating Temperature:	-40 °C	Compliance/Certifications:	RoHS
Max. Operating Temperature:	85 °C		

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