Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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
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

Start Freq.	Stop Freq.	Peak Gain	Return Loss	VSWR	Avg. Gain
3300 MHz	3800 MHz	-1.6 dBi	> 4.4 dB	< 6.3:1	-5.9 dBi

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

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

