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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.



J2J

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 Freg. Stop Freg. 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

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