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2J 915 MHz LPWAN Narrowband Hinged Antenna, 902 to 928 MHz, SMA Male

SKU
ANT-2J-00005
MPN
2JW0515-915-C952B

Description

The 2J 915 MHz LPWAN Narrowband Hinged Antenna (SKU: ANT-2J-00005, Part No: 2JW0515-915-C952B) offers robust performance for applications in automotive, marine, telematic, automation, and M2M markets. This hinged terminal antenna operates within a frequency range of 902 MHz to 928 MHz and features a linear polarisation. It is equipped with a single SMA Male interface with a straight connector, ensuring easy integration.

With dimensions of 173 x 10 mm, the antenna is compact yet durable, capable of withstanding temperatures from -40 °C to 85 °C. It supports up to 25 W of input power and maintains a 50 Ω impedance. The antenna's peak gain is 2.0 dBi, with an average gain of -1.7 dBi, and radiated efficiency of 68%, ensuring reliable connectivity. The VSWR is maintained at less than 2.4:1, optimising signal quality.

RoHS compliant, this antenna reflects 2J's commitment to quality and environmental standards. Based in Slovakia, 2J is a global...

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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
902 MHz
Stop Frequency
928 MHz
Max. Input Power
25 W
Polarisation
Linear
Input Impedance
50 Ω
RF Connectors

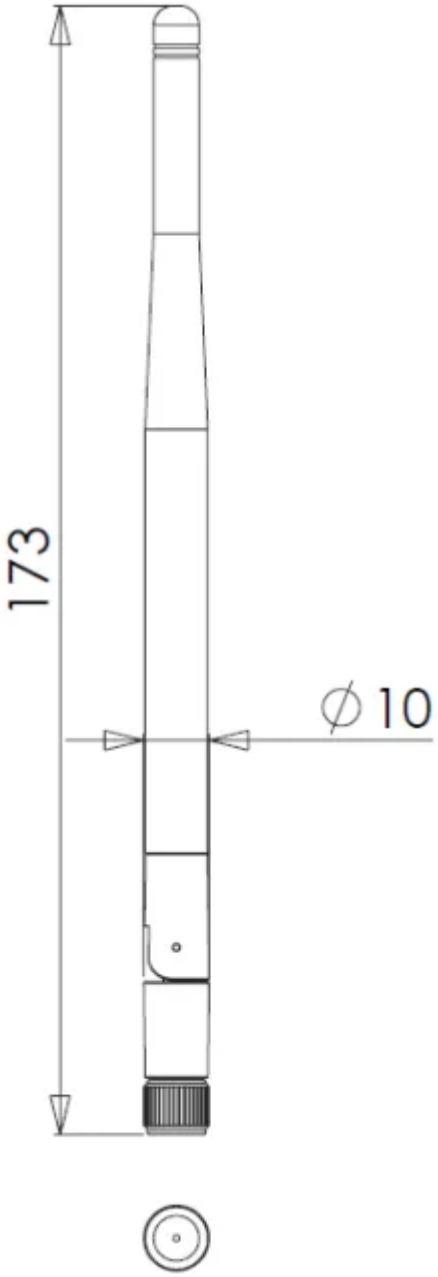
Ports	RF Interface	Body Shape
1	SMA Male	Straight

Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	Return Loss	VSWR	Avg. Gain	Efficiency
902 MHz	928 MHz	2 dBi	> 7.8 dB	< 2.4:1	-1.7 dBi	68%

Physical Specification

Subtype
Hinged Terminal
Input Ports
1
MIMO
1x1 SISO
Min. Operating Temperature
-40 °C
Max. Operating Temperature
85 °C
Dimensions
173 x 10
Mounting
Terminal / Device
Compliance/Certifications
RoHS
Drawing



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