

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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RF Specification

Start Frequency:	2J 902 MHz	Polarisation:	Linear
Stop Frequency:	928 MHz	Input Impedance:	50
Max. Input Power:	25 W	Over the past decade, 2J has established ...	

RF Connectors

Ports	RF Interface	Body Shape
1	SMA Male	Straight

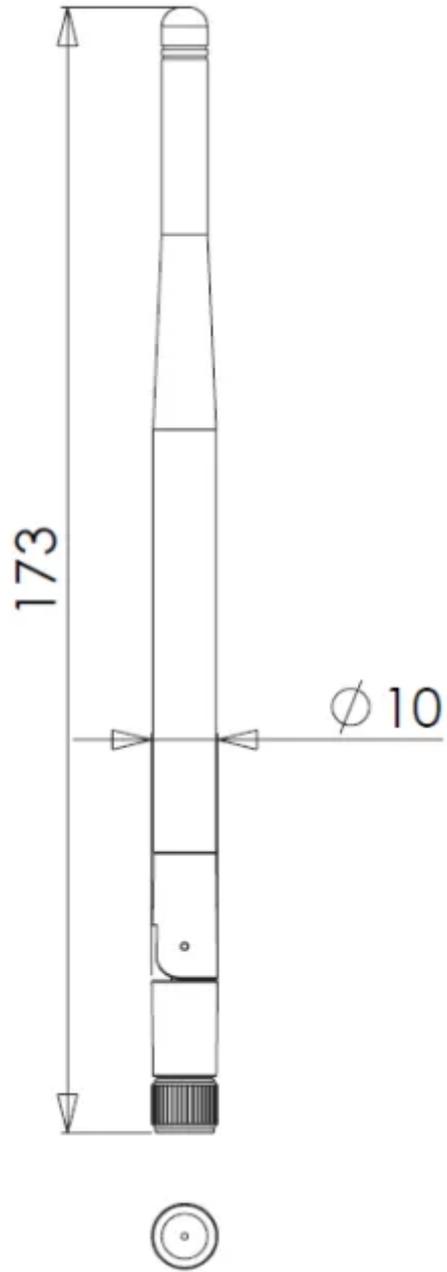
Frequency Test Data

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

Drawing



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