

Antenna, Whip Hinge

ERF4067

Description

The ERF4067 Antenna is a black 433 MHz antenna with a hinged design and a SMA (Male) connector. The hinged design enables the antenna to be positioned at its most suitable angle with a maximum of 90°. The antenna can be used for applications such as, M2M and 433 MHz applications and ISM.

Technology

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Features

Electrical Properties	Description		
Frequency marker	Frequency band MHz	Return loss Db*	V.S.W.R.
1	434	-8.6	< 2.2
2	450	-4.6	< 3.9
3	868	-10.6	< 1.8
4	900	-9.4	< 1.8
5	915	-8.5	< 2.2
Nominal Impedance		50 Ω	
Polarization		Linear	
Gain		2 dBi	

*measurement done in straight position

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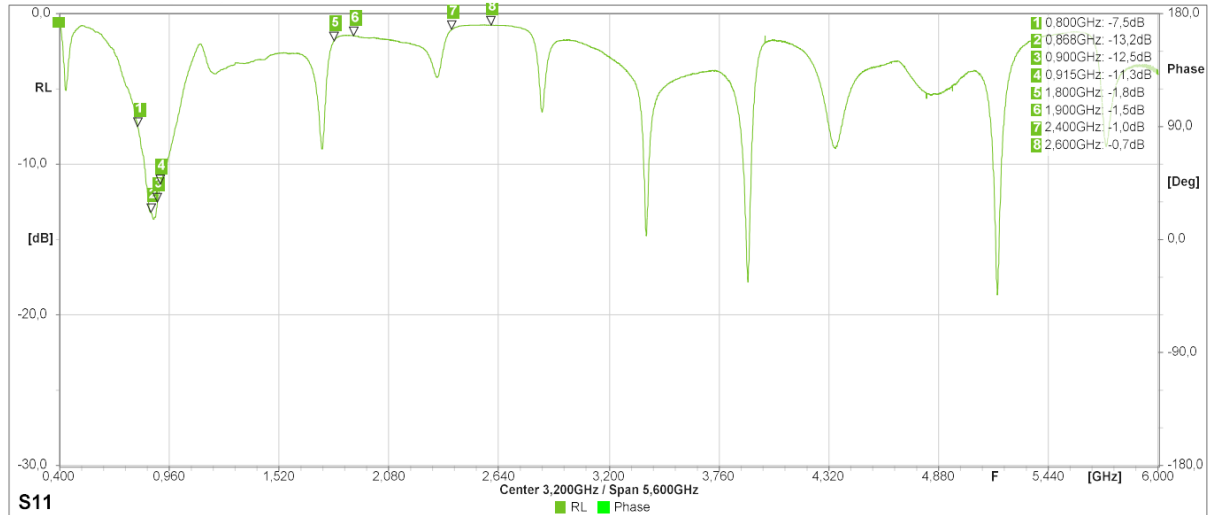
Mechanical Properties	Description
Antenna	External Whip Antenna
Mounting	Screw Type
Connector	SMA (Male)
Antenna Dimensions:	117 mm \pm 0.2
Antenna Color:	Black
Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C

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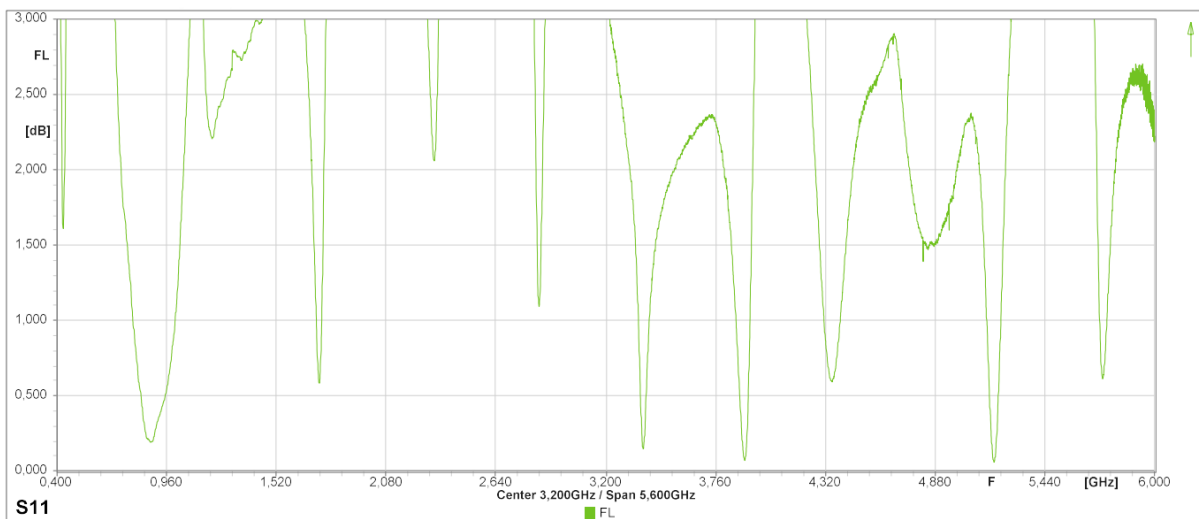
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Antenna Properties

Return Loss



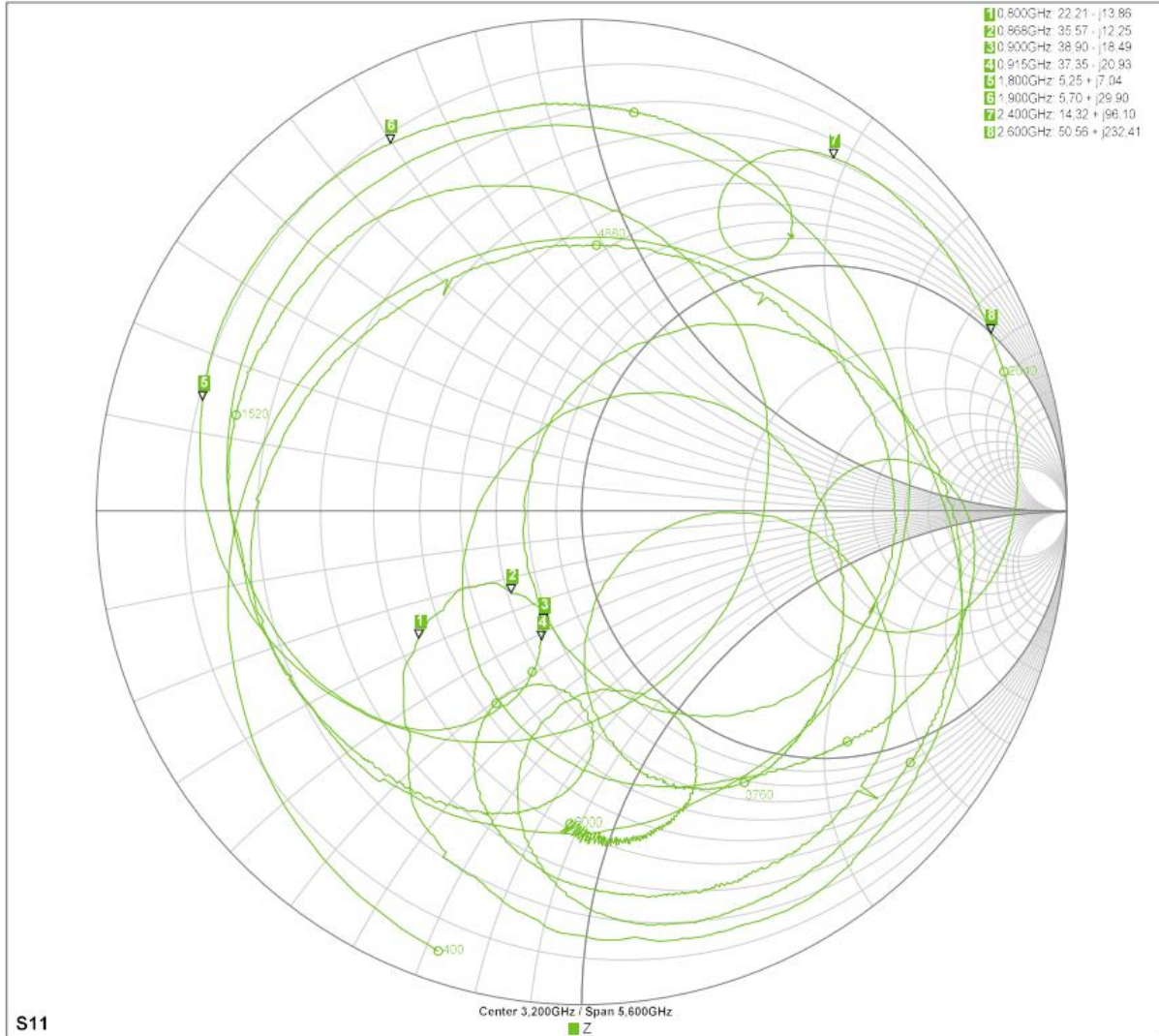
Forward Loss



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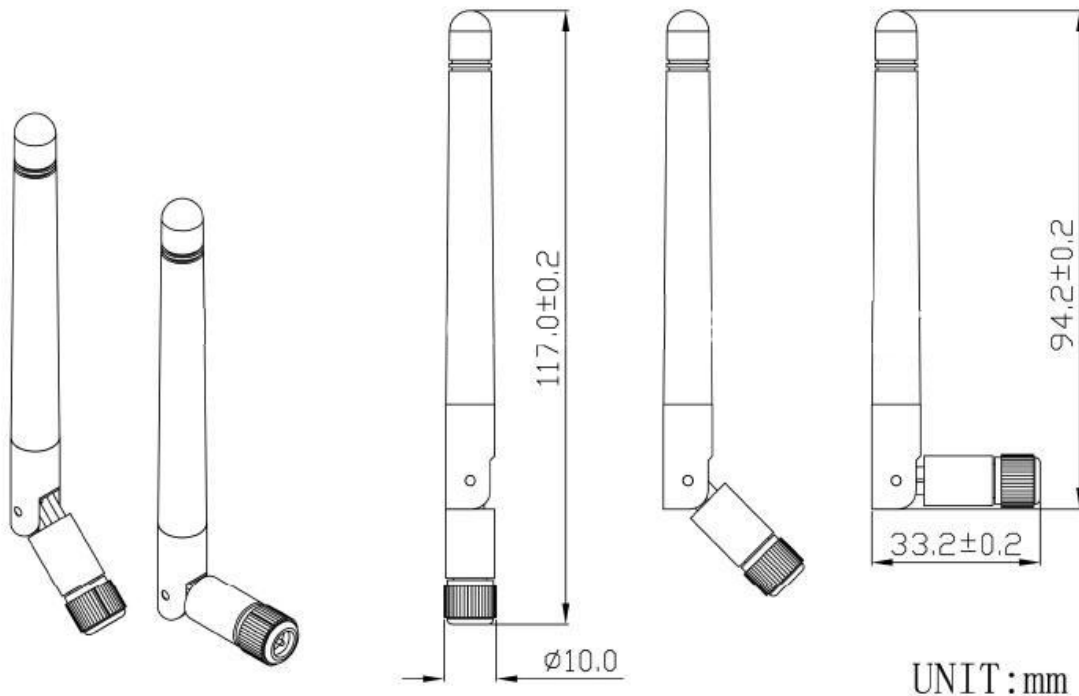
Impedance



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Dimensions



Connectors



The ERF4067 antenna uses the SMA Male connector.

Ordering information

Ordering can be done via www.summit-electronics.com or via info@summit-electronics.com. Please contact us for more information. Customisation of the product is available on request.

Technical support

For all product questions please contact us via info@summit-electronics.com

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Document revision

Rev	Date	changes
V01.00	06-04-2023	First issue of document