

Antenna, Whip Hinge

ERF4075

Description

The ERF4075 Antenna is a black LTE antenna with an 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, IoT, LTE & more.

Typical applications

- IoT
- Router
- gateway



Network

- LTE applications op een specifieke band
- CAT-M
- NB-IoT
- Wi-Fi
- Bluetooth



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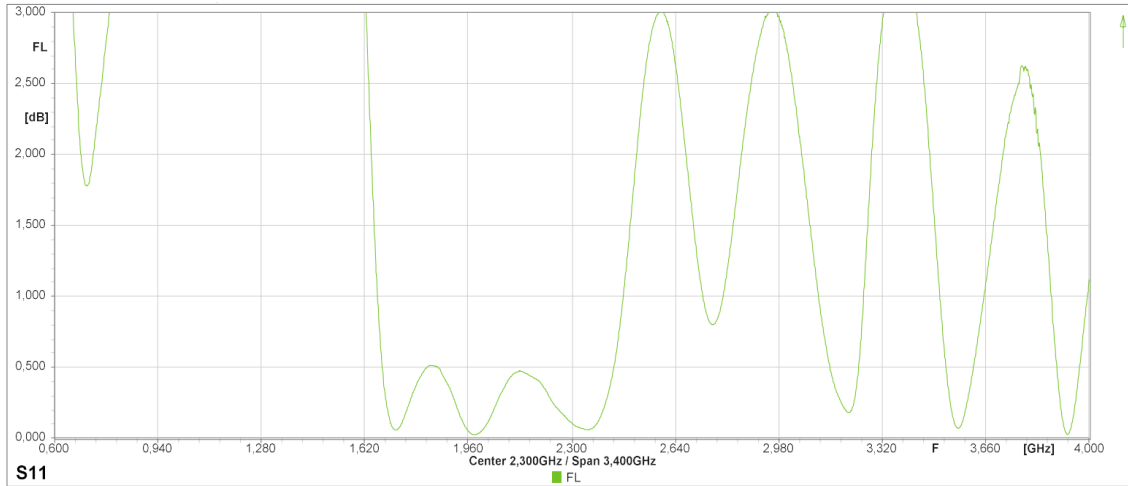
Features

Electrical Properties	Description		
Frequency marker	Frequency band MHz	Return loss dB	V.S.W.R.
1	700	-4,7	< 3.8
2	800	-2,8	< 6.3
3	900	-2,5	< 7.0
4	1.800	-10,3	< 1.9
5	1.900	-11,1	< 1.8
6	2.100	-10,2	< 1.9
7	2.400	-13,9	< 1.5
8	2.600	-3,0	< 5.8
9	3.500	-6,0	< 3.0
Nominal Impedance:	50 Ω		
Polarization:	Linear		
Gain:	3 dBi		

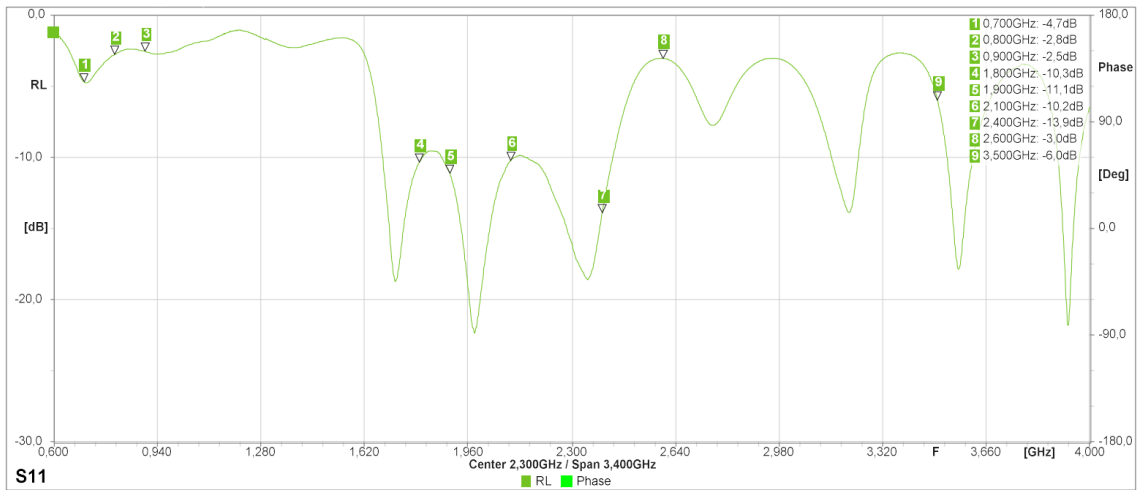
Mechanical Properties	Description
Antenna	Whip with hinge
Mounting	Screw
Connector	SMA male
Dimensions	198 mm ±2
Color	Black
Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C

Antenna Properties

Forward Loss



Return Loss

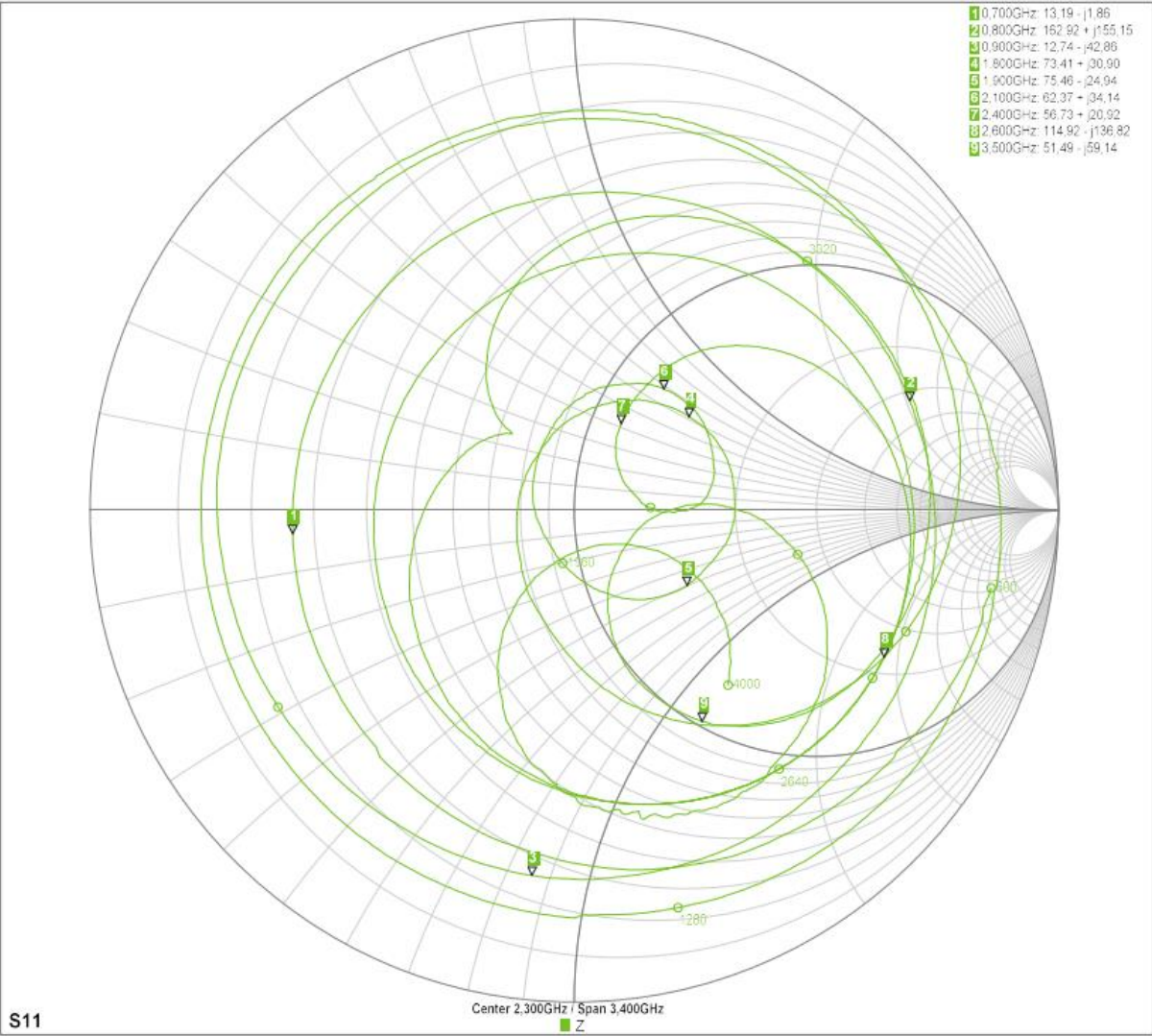


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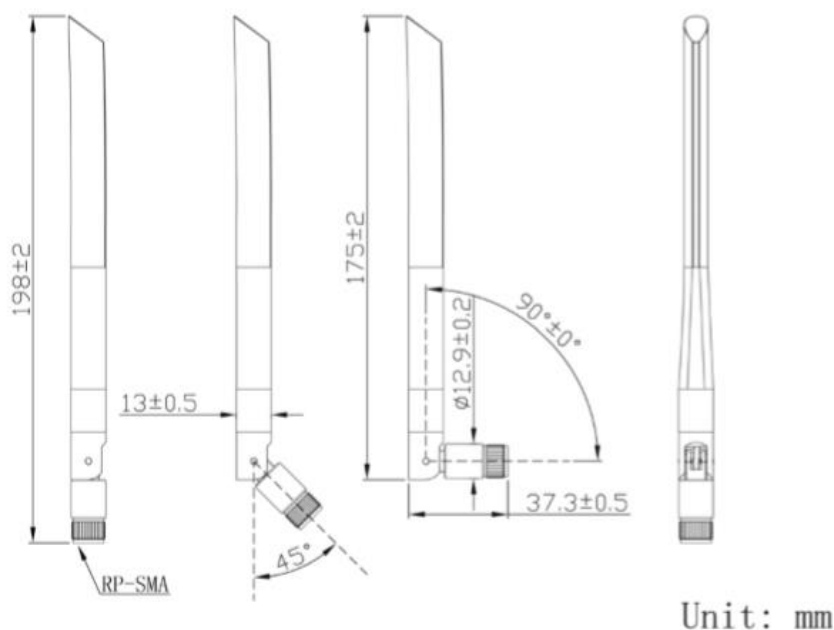
Impedance



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Dimensions



Connectors



The ERF4075 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

Document revision

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