

Antenna, Whip Hinge

ERF4076

Description

The ERF4076 Antenna is a black GSM 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.

Technology

- LTE / CAT-M
- NB-IoT
- UMTS
- GPRS



Typical applications

- M2M applications
- IoT

Features

Electrical Properties

Description

Frequency marker	Frequency band MHz	Return loss dB	V.S.W.R.
1	800	-7.9	< 2.3
2	868	-11	< 1.8
3	900	-10.1	< 1.9
4	1.800	-11.8	< 1.7
5	1.900	-2.1	< 8.3
6	2.100	-1.8	< 9.7
7	2.600	-4.0	< 4.4

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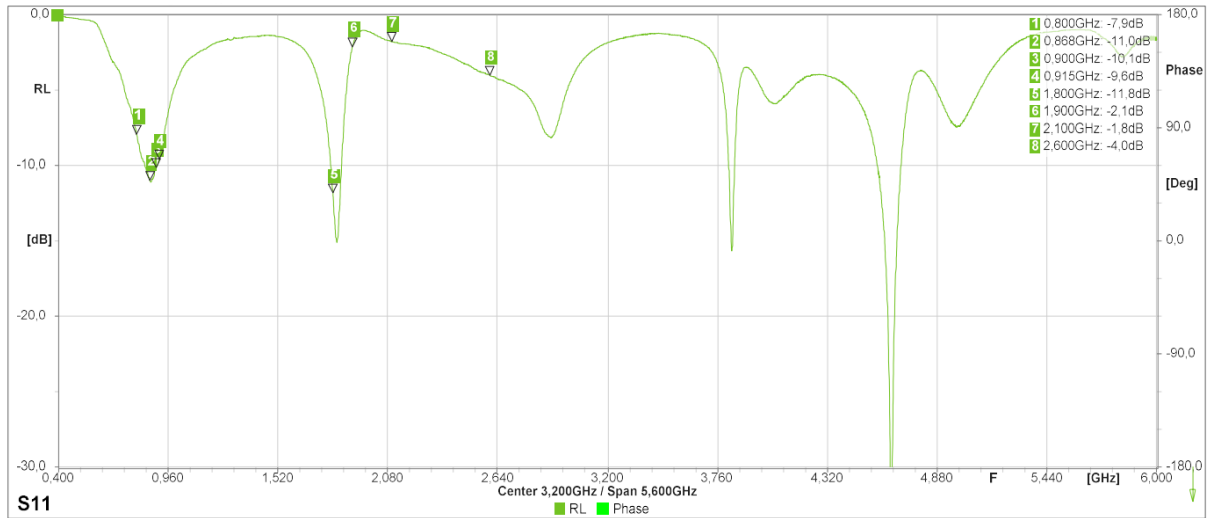
ERF4076

Nominal Impedance:	50 Ω
Polarization:	Linear
Gain:	2 dBi

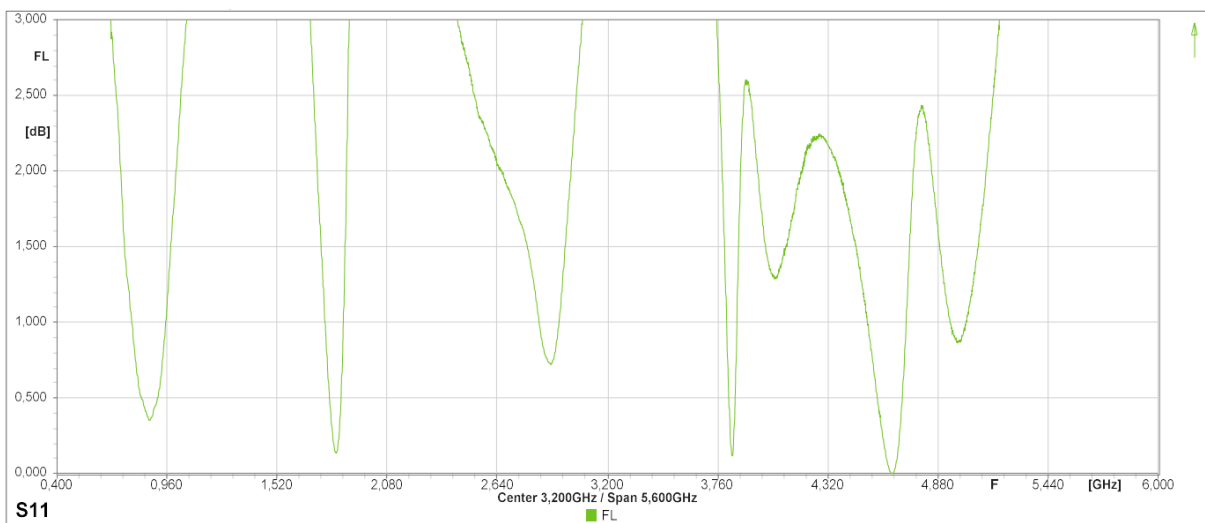
Mechanical Properties	Description
Antenna	External Antenna
Mounting	Screw Type
Connector	SMA male
Antenna Dimensions	108.5 mm \pm 0.2
Antenna Color	Black
Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C

Antenna Properties

Return Loss



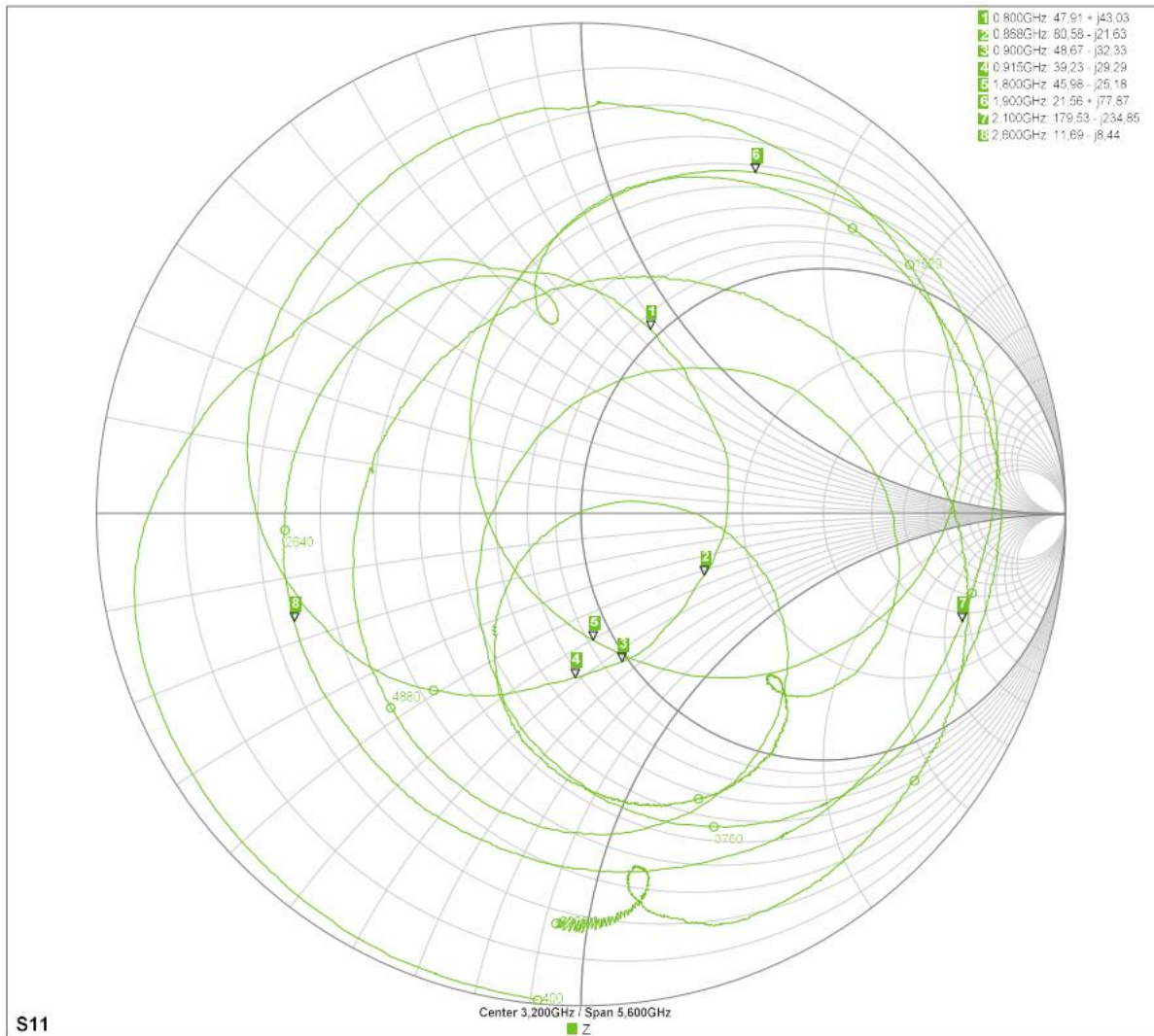
Forward Loss



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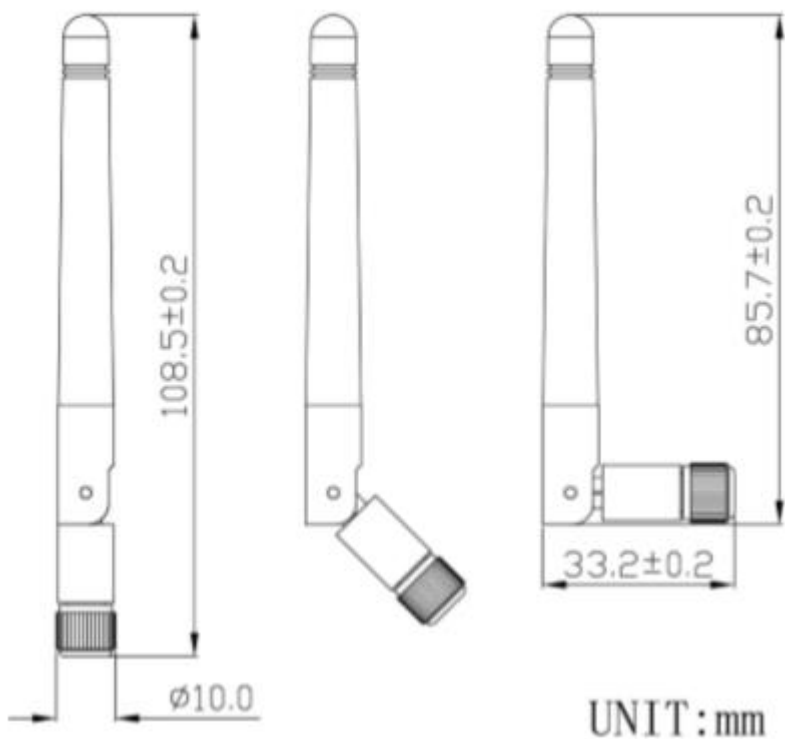
Impedance



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Dimensions



Connectors



SMA Male



SMA Female



RP-SMA Male



RP-SMA Female

The ERF4076 antenna uses the SMA Male connector.

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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