

Antenna, Stubby

ERF4008

Description

The ERF4008 Antenna is a black 868 MHz antenna with an SMA male connector. The ERF4008 can also be used for applications in these frequency bands: 1,685 GHz to 1,75 GHz. The antenna can be used for applications, such as M2M, IoT, LTE & GSM



Technology

- LTE-M Cat-M
- LoRa
- NB-IoT
- ISM Bands
- Zigbee
- 2G / 3G / 4G

Features

Electrical Properties	Description		
Frequency marker	Frequency band MHz	Return loss dB	V.S.W.R.
1	800	-5.5	< 3.3
2	868	-10.0	< 1.9
3	900	-12.9	< 1.6
4	915	-13.4	< 1.5
5	1.800	-6.3	< 2.9
6	1.900	-3.5	< 5.0
7	2.100	-2.2	< 7.9
8	2.600	-1.1	< 15.8
Nominal Impedance	50 Ω		
Polarization	Vertical		

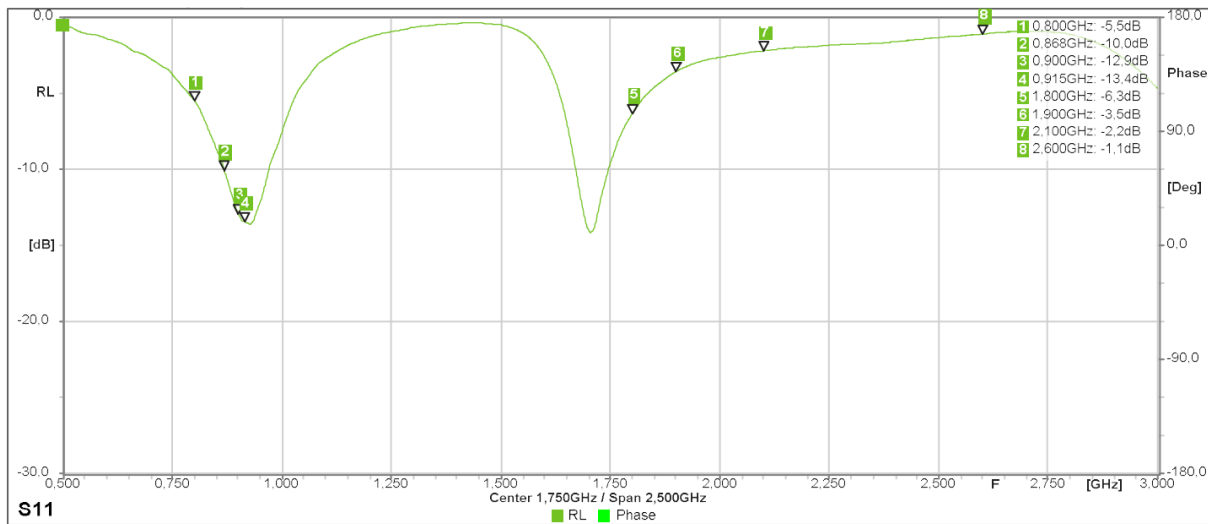
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Mechanical Properties	Description
Antenna	External Antenna
Mounting	Screw Type
Connector	SMA male
Dimensions	56 mm ±3
Color	Black
Operating Temperature	-20°C~+60°C
Storage Temperature	-30°C~+70°C

Antenna Properties

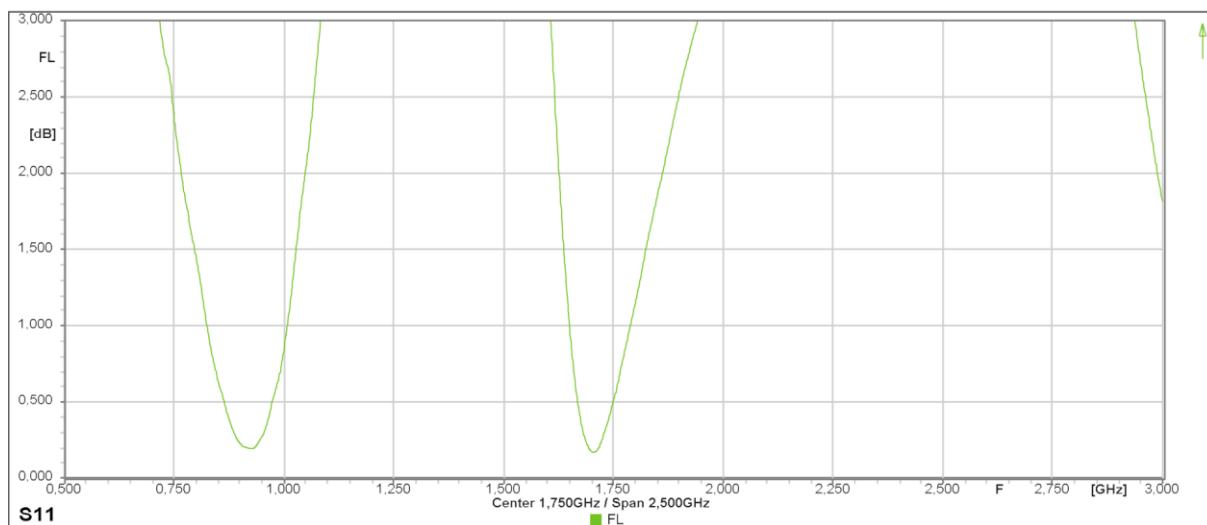
Return Loss



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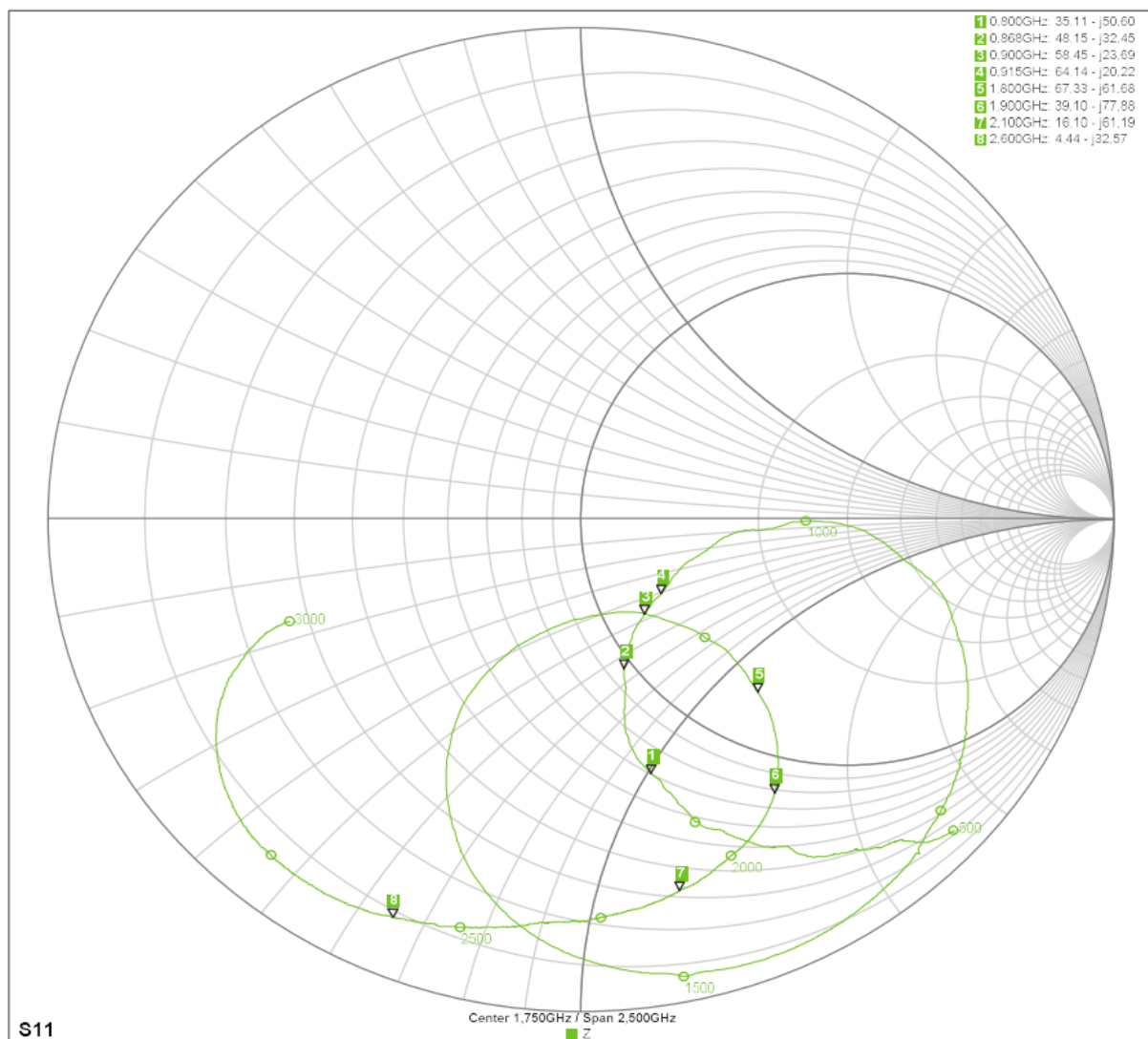
Forward Loss



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Impedance

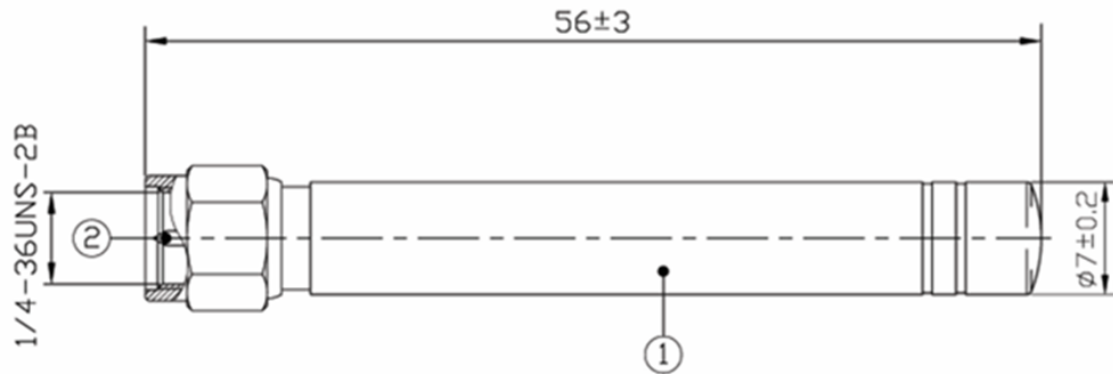


S11

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Dimensions



Connector



SMA Male



SMA Female



RP-SMA Male



RP-SMA Female

The ERF4008 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