

Antenna, Cone Magnetic

ERF4070

Description

The ERF4070 antenna is a black 868 MHz antenna with a U.FL connector. The antenna can also be used in the frequency band of 1800 ~ 2100 MHz and 2400 MHz. The antenna can be used for applications such as, M2M, GSM, WiFi and Zigbee.

Technology

- GSM
- Bluetooth
- WiFi
- Zigbee
- LoRa
- ISM Bands



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:		Vertical	

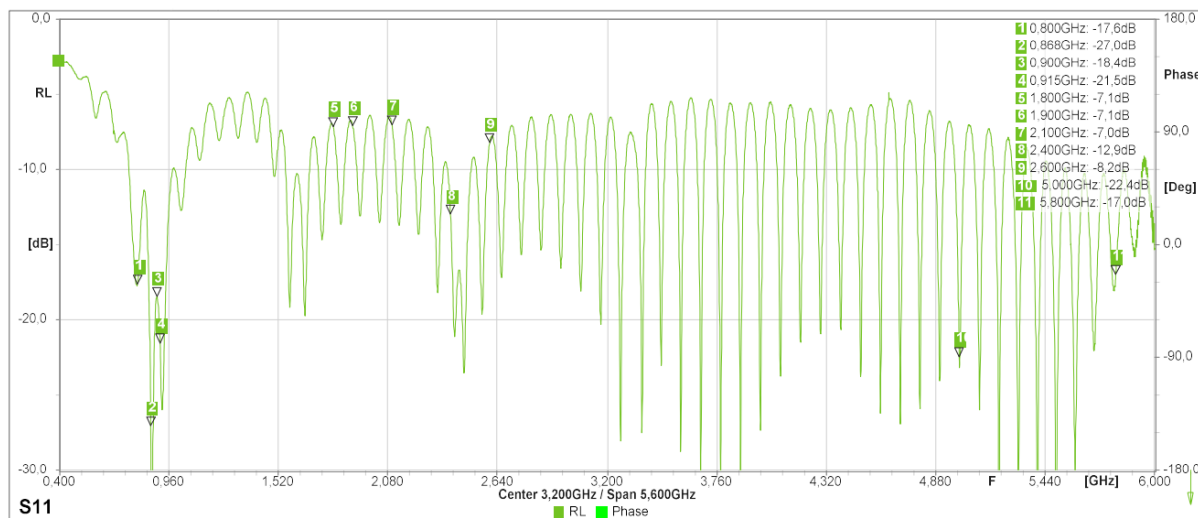
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Mechanical Properties	Description
Antenna	External Cone Antenna
Dimensions	89 mm ± 5
Cable length	100 cm ± 0.2
Connector	U.FL
Antenna Color	Black
Operating Temperature	-30°C~+70°C
Storage Temperature	-30°C~+70°C

Antenna Properties

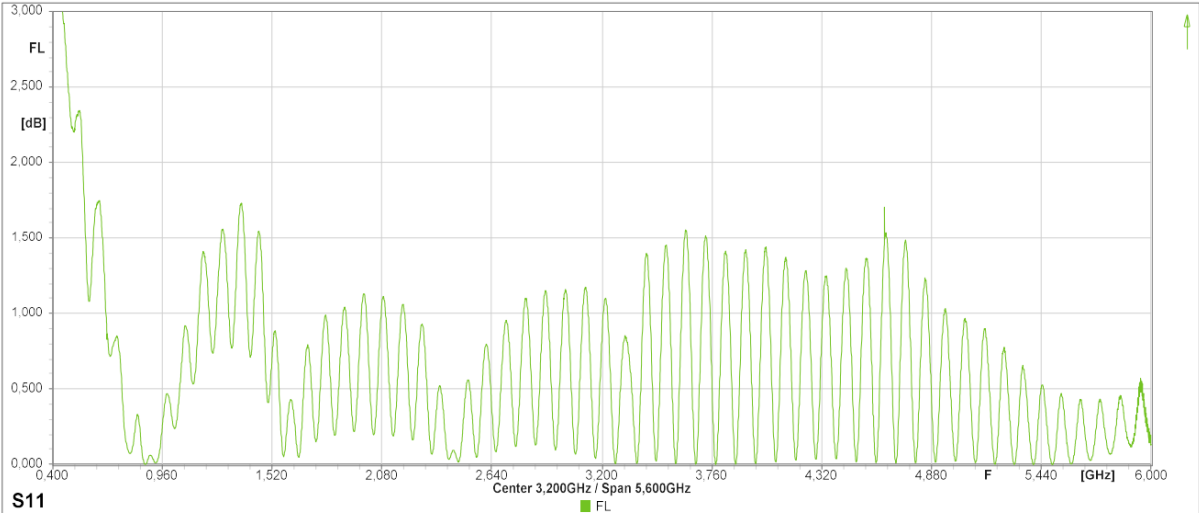
Return Loss



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Forward Loss

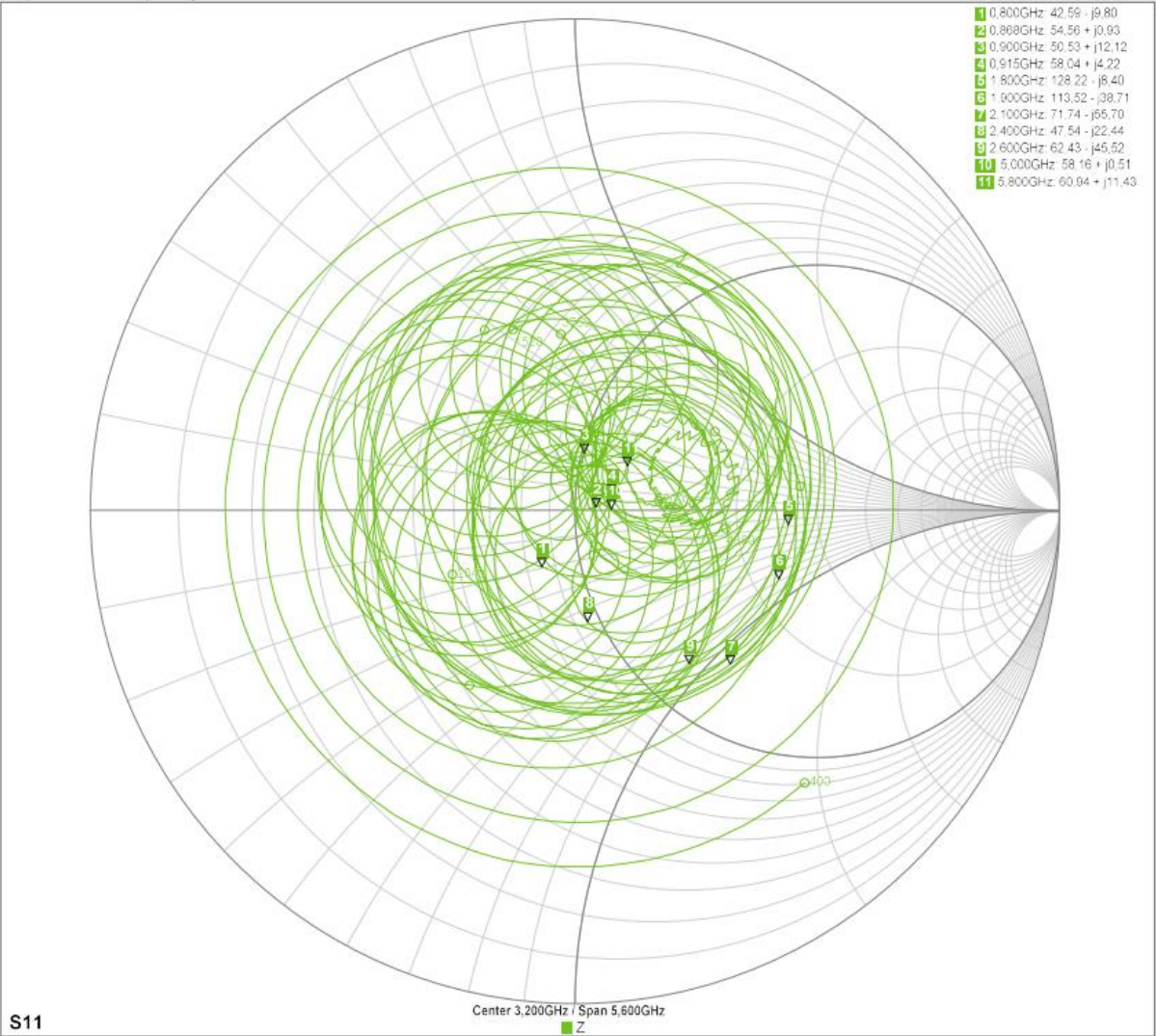


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Impedance

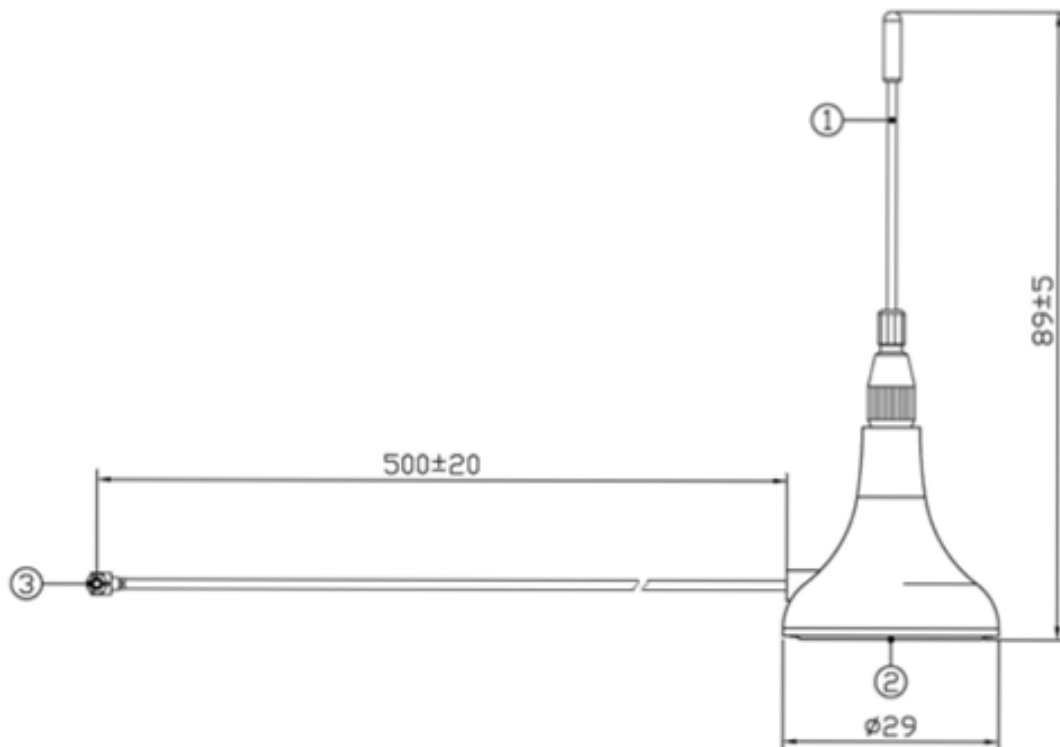


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Dimensions

*The ERF4070 uses a 100 cm cable



Unit: mm

Connector

The ERF4070 uses an U.FL 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