

# Antenna, Whip Hinge

## ERF4054

### Description

The ERF4054 Antenna is a black 2,4 GHz Wi-Fi antenna a RP-SMA Male connector. The antenna can also be used in the frequency band of 590 ~ 640 MHz / 1820 ~ 1920 MHz / 2340 ~ 2500 MHz. The antenna can be used for applications such as, Wi-Fi, GSM ,Bluetooth and Zigbee.

### Technology

- GSM
- WiFi
- ISM
- Bluetooth
- Zigbee

### Features



Electrical Properties	Description		
Frequency marker	Frequency band MHz	Return loss dB	V.S.W.R.
1	2.400	-11.8	< 1.7
Nominal Impedance	50 Ω		
Polarization	Linear		

Mechanical Properties	Description
Antenna	External Whip Antenna
Mounting	Terminal Screw connector
Connector	SMA (Male)
Dimensions	195 mm ±2
Color	Black
Operating Temperature	-40°C~+85°C

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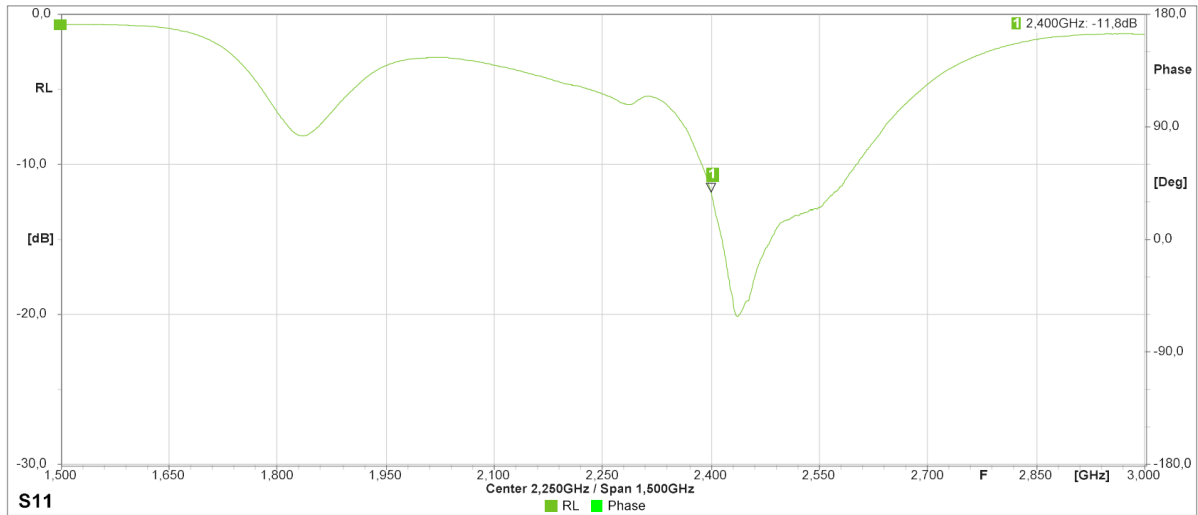


Storage Temperature

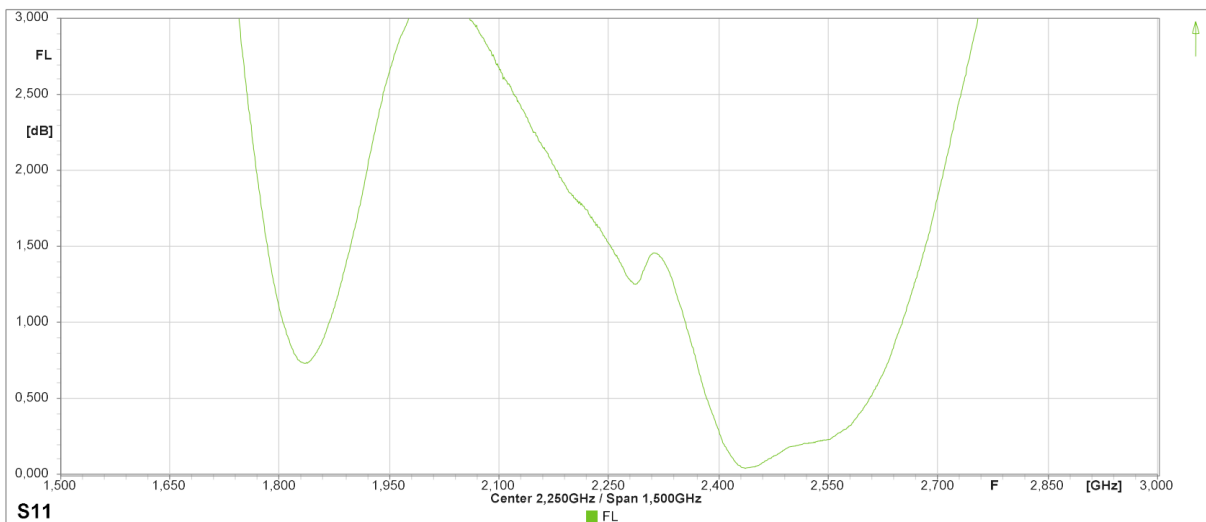
-40°C~+85°C

### Antenna Properties

#### Return Loss



#### Forward Loss

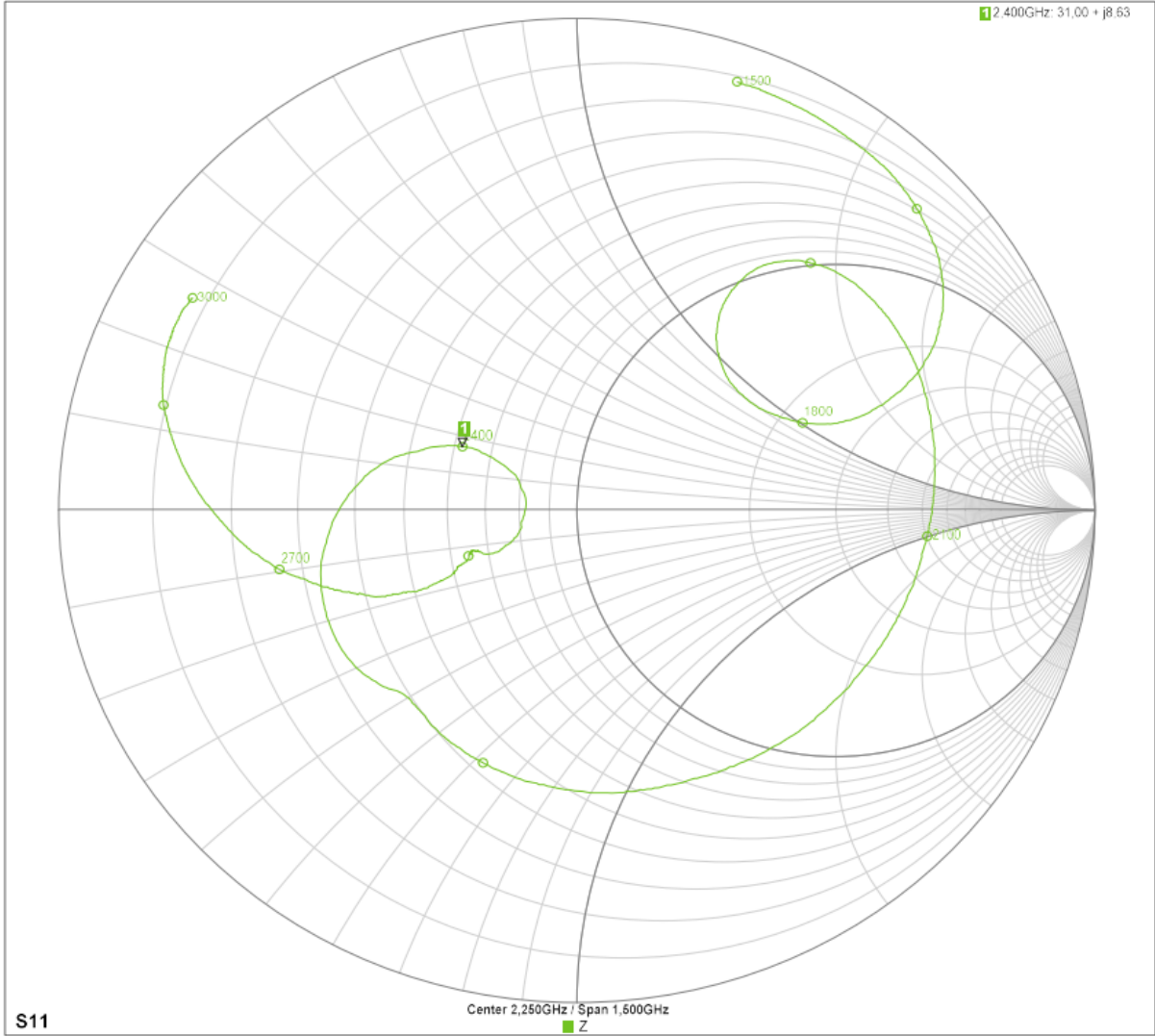


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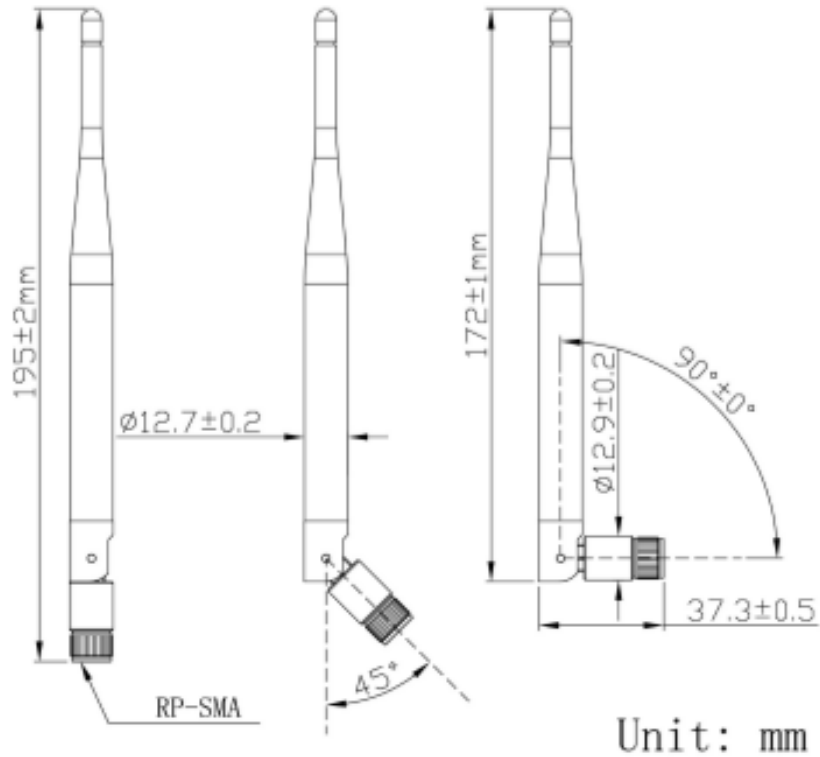
Impedance



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## Dimensions



## Connectors



SMA Male



SMA Female



RP-SMA Male



RP-SMA Female

The ERF4054 antenna uses the RP-SMA Male connector.

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## Ordering information

Ordering can be done via [www.summit-electronics.com](http://www.summit-electronics.com) or via [info@summit-electronics.com](mailto: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](mailto:info@summit-electronics.com)

## Document revision

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