

Antenna, Whip Hinge

ERF4010

Description

The ERF4010 Antenna is a black 2,4 GHz Wi-Fi antenna with a hinged design and a RP-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 WiFi Hotspots and Wireless communication.



Technology

- LoRa
- NB-IoT
- WiFi
- Bluetooth
- Zigbee
- ISM

Features

Electrical Properties	Description		
Frequency marker	Frequency band MHz	Return loss dB	V.S.W.R.
1	2.400	-5.1	< 3.5
2	5.000	-5.4	< 3.3
3	5.800	-12.4	< 1.6
Nominal Impedance	50 Ω		
Polarization	Vertical		



Mechanical Properties	Description
Antenna	External Whip hinged

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Mounting	Screw Type
Connector	RP-SMA (Male) Reversed Polarity
Antenna Dimensions	377 mm \pm 5
Antenna Color:	Black
Operating Temp	-20°C~+60°C
Storage Tem	-30°C~+70°C

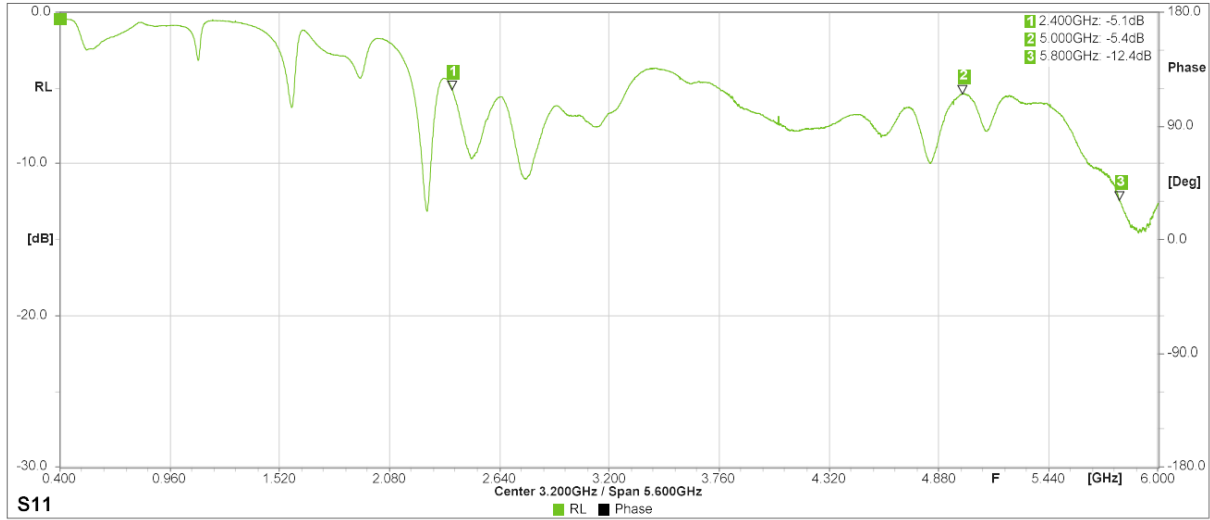
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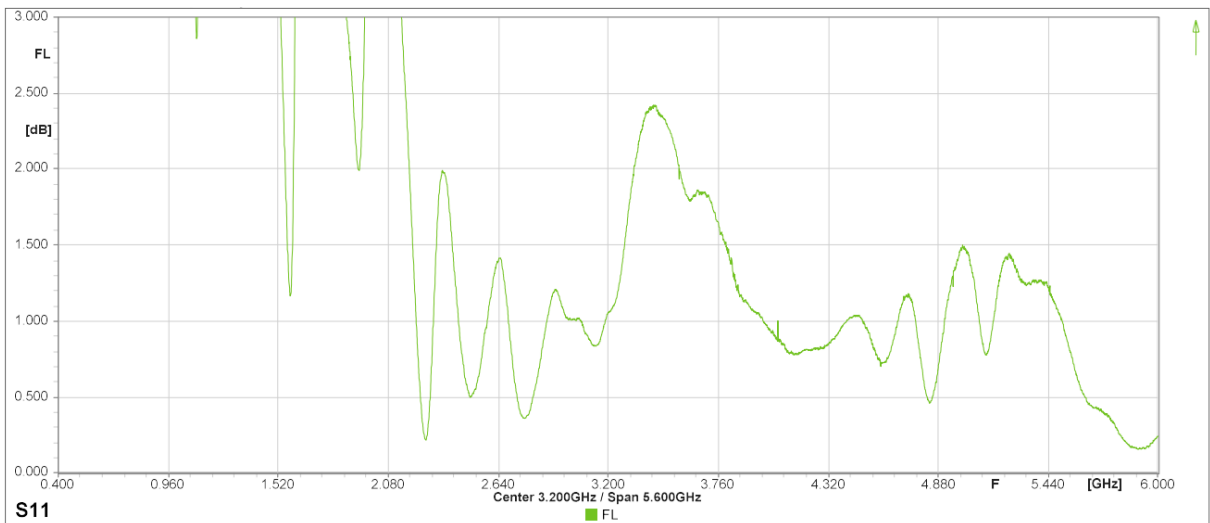


Antenna Properties

Return Loss



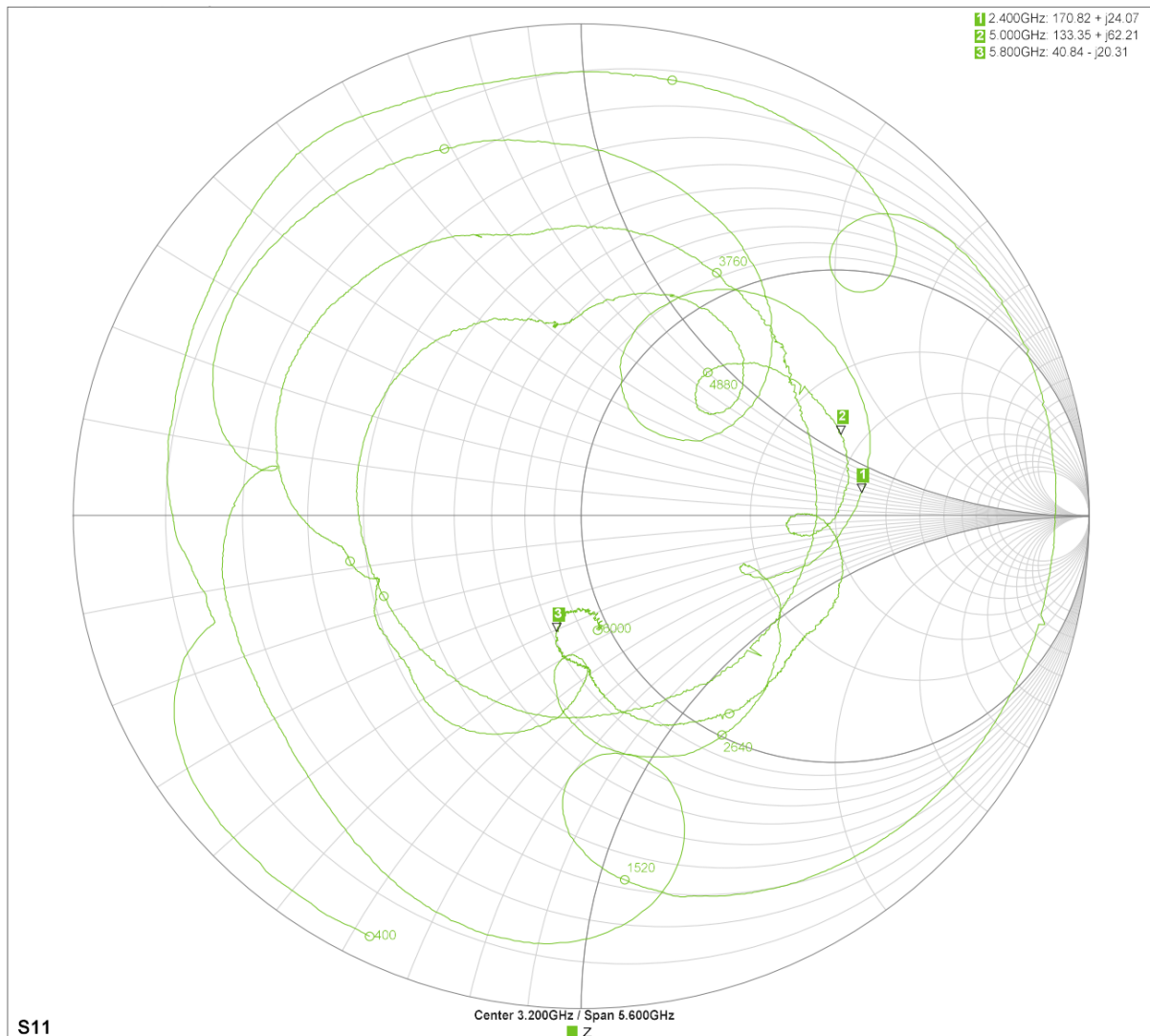
Forward Loss



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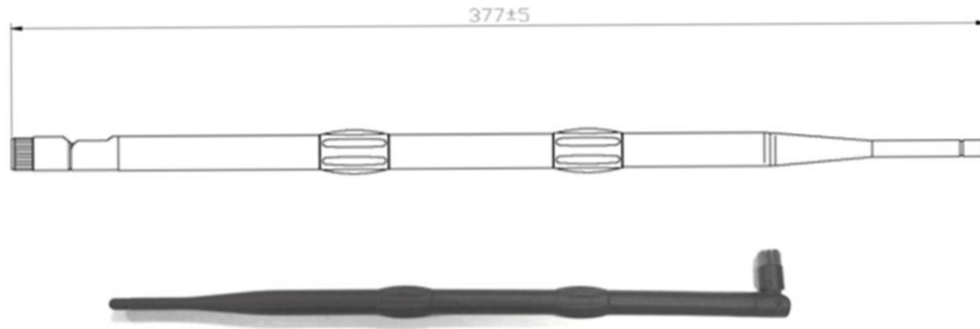
Impedance



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Dimensions



Connector



SMA Male



SMA Female



RP-SMA Male



RP-SMA Female

The ERF4010 uses the RP-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
2023v1	06-04-2023	First issue of document