

Antenna, Stubby

ERF4000

Description

The ERF4000 Antenna is a black 2,4 GHz Wi-Fi antenna a SMA Male connector. The antenna can also be used in these frequency bands: 3,8 to 4,0 GHz. The antenna can be used for applications such as, Wi-Fi , GSM ,Bluetooth and Zigbee.



Technology

- GSM
- WiFi
- Bluetooth
- Zigbee
- Lora
- ISM

Typical applications

Electrical Properties	Description		
Frequency marker	Frequency band MHz	Return loss dB	V.S.W.R.
1	2.400	-7.2	< 2.5
Nominal Impedance	50 Ω		
Polarization	Vertical		

Mechanical Properties	Description
Antenna	External Antenna
Execution	Fixed
Mounting	Screw Type
Connector	SMA (Male)
Dimensions	55.9 mm ±2
Color	Black

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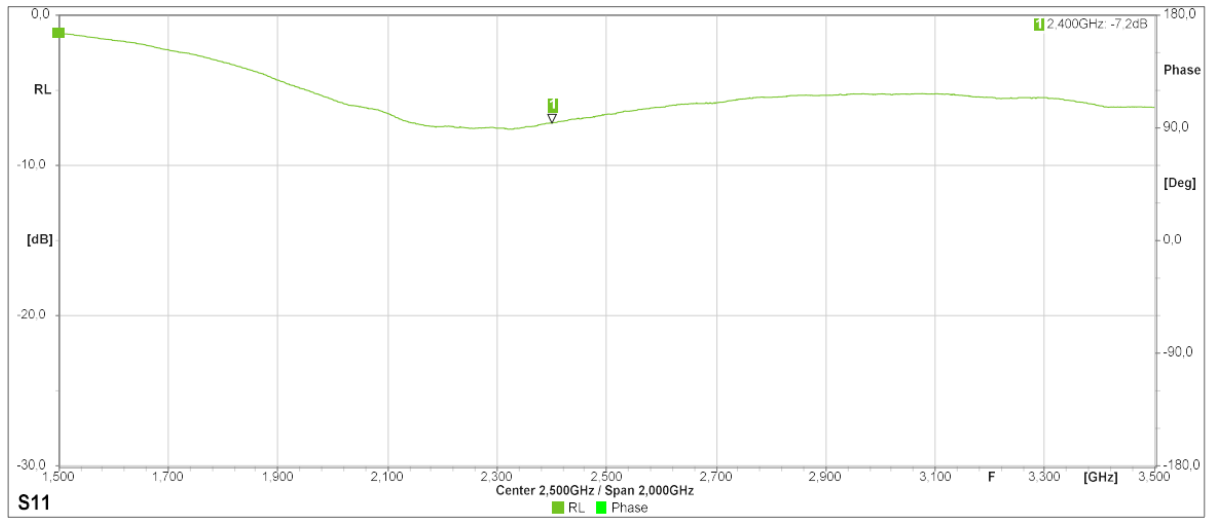
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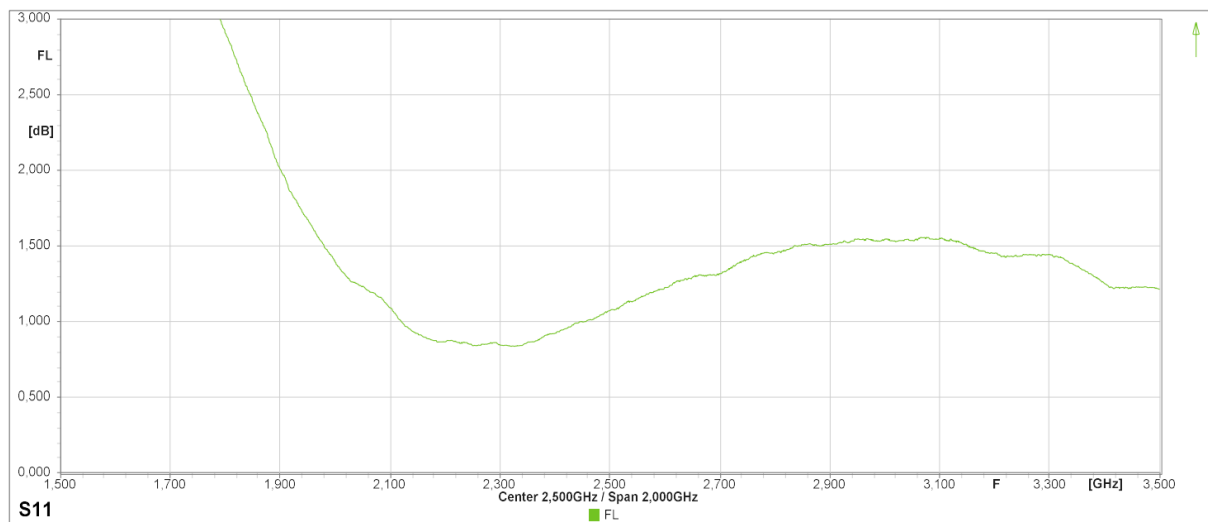
Operating Temperature	-20°C~+60°C
Storage Temperature	-30°C~+70°C

Antenna Properties

Return Loss



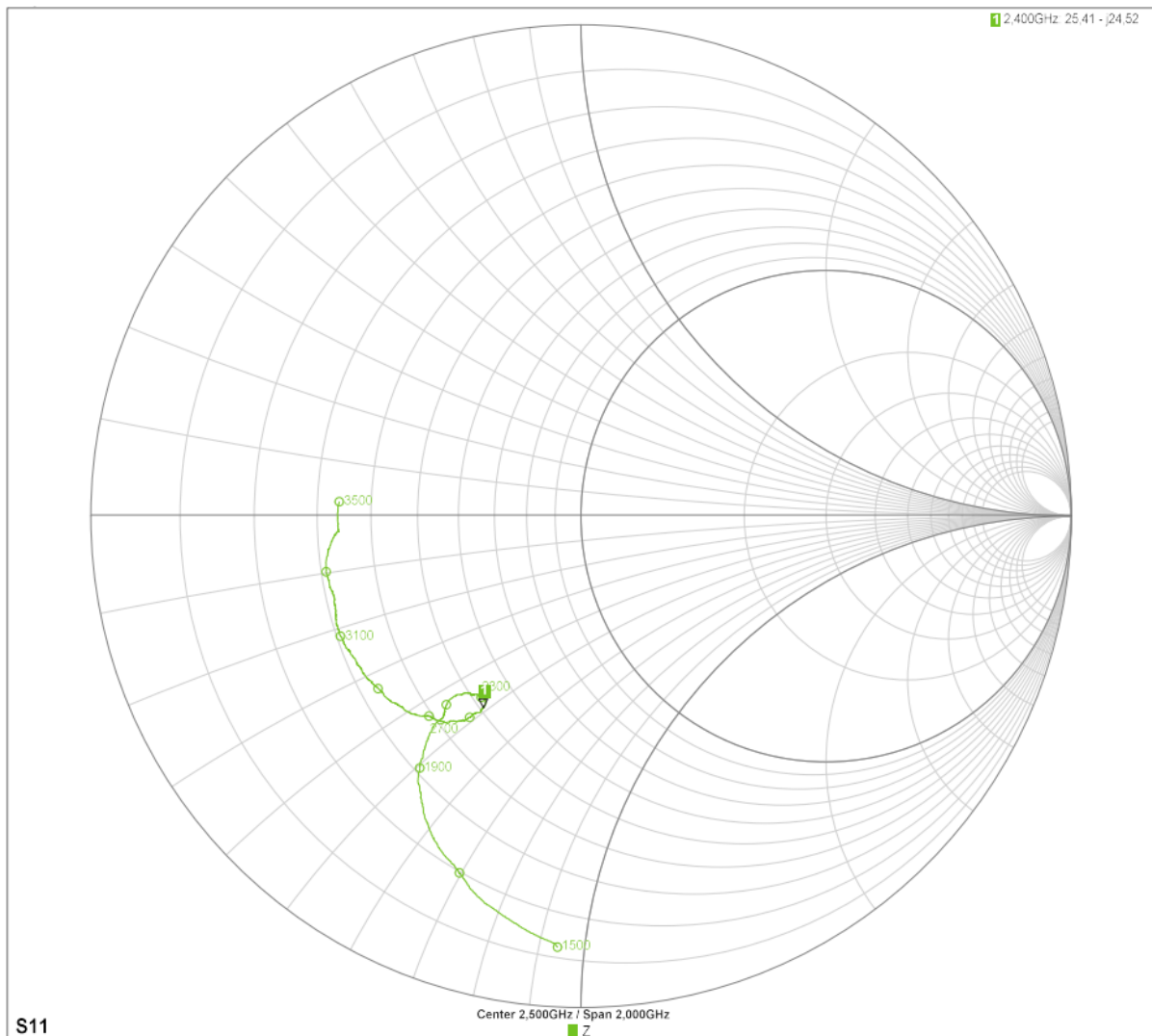
Forward Loss



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Impedance

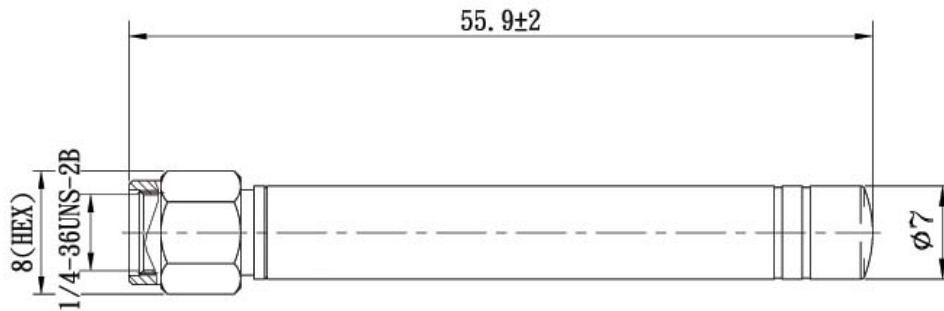


Impedance

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Dimensions



*Unit: mm

Connector options

The ERF4000 antenna uses the SMA Male connector but can be executed with the following connectors on request.



SMA Male



SMA Female



RP-SMA Male



RP-SMA Female

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

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V01.00

First issue of document