

## ERF4054, 2,4GHz Antenna with Swivel, RP-SMA Male connector

### Features

### Electrical Properties

Parameter:	Description
Frequency Band:	2,4 GHz
Nominal Impedance:	50 $\Omega$
Polarization:	Linear
V.S.W.R:	< 2.0



### Mechanical Properties

Parameter:	Description
Antenna Type:	External Antenna
Mounting Method:	Screw Type
Connector Type:	SMA (Male)
Antenna Dimensions:	195 mm $\pm$ 2
Antenna Color:	Black
Operating Temperature Range:	-40°C~+85°C
Storage Temperature Range:	-40°C~+85°C

### Typical applications

- GSM
- Wi-Fi
- Bluetooth
- Zigbee
- M2M

### Description

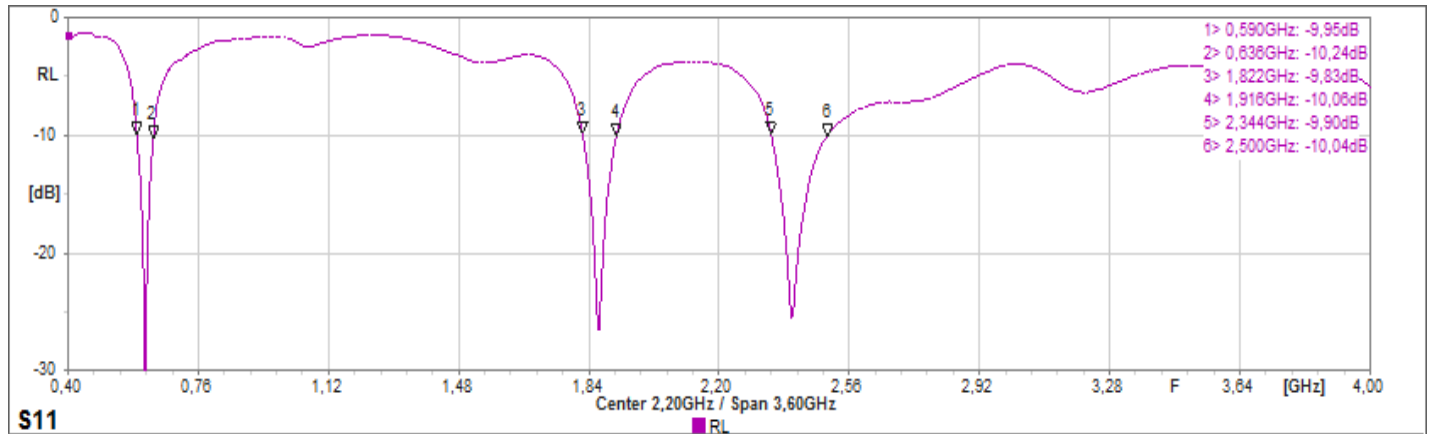
The ERF4054 Antenna is a black 2,4 GHz Wi-Fi antenna a RP-SMA Male connector. The antenna can also be used in the frequency band of 590 ~ 640 MHz / 1820 ~ 1920 MHz / 2340 ~ 2500 MHz.

The antenna can be used for applications , such as Wifi , GSM ,Bluetooth and Zigbee.

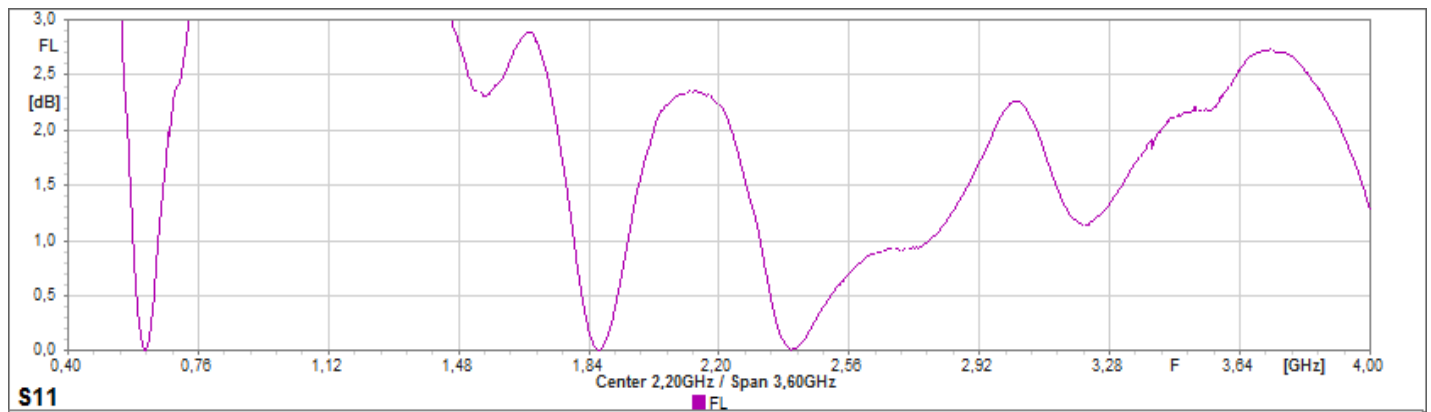
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**Antenna Properties**

**Return Loss**

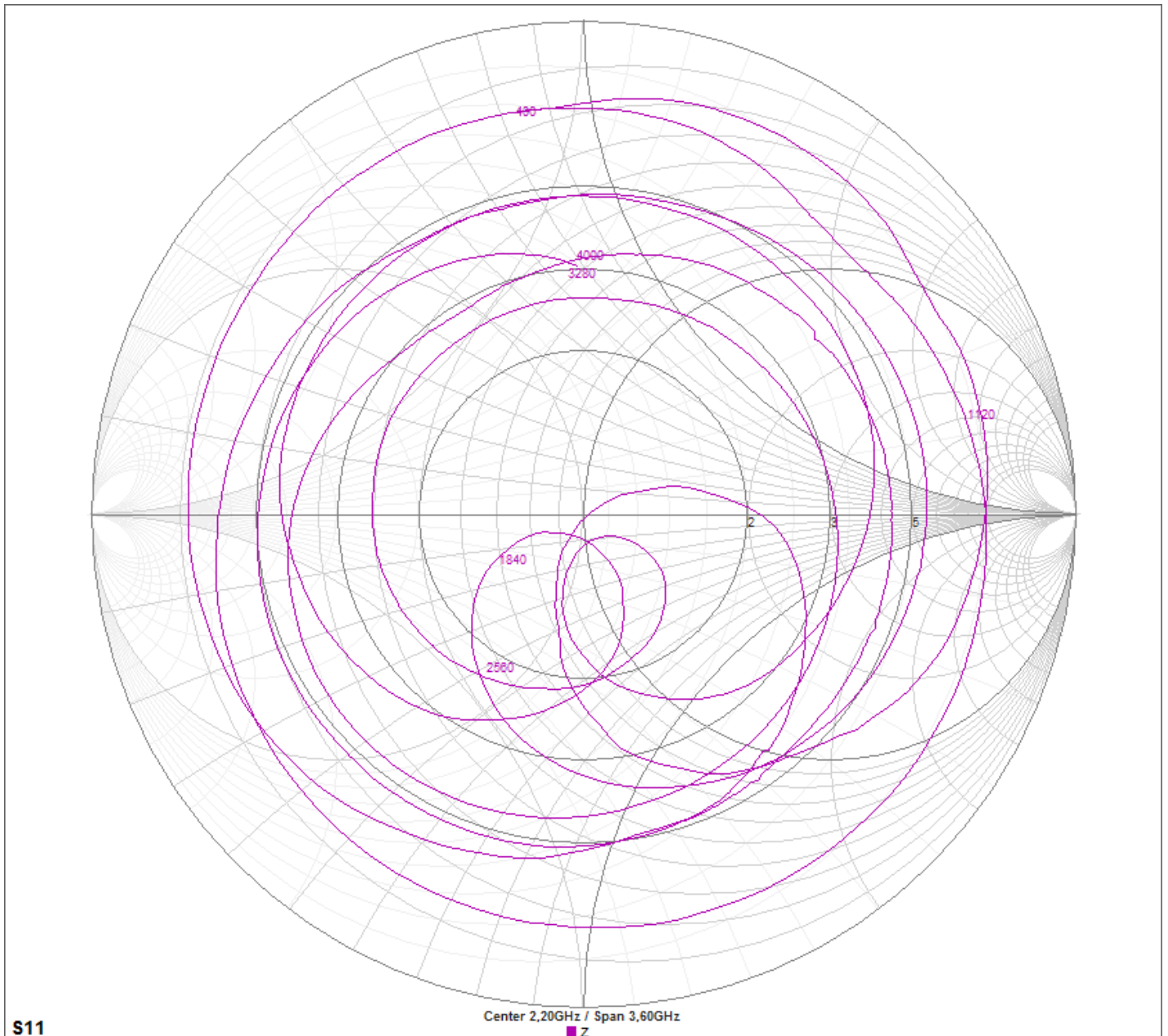


**Forward Loss**



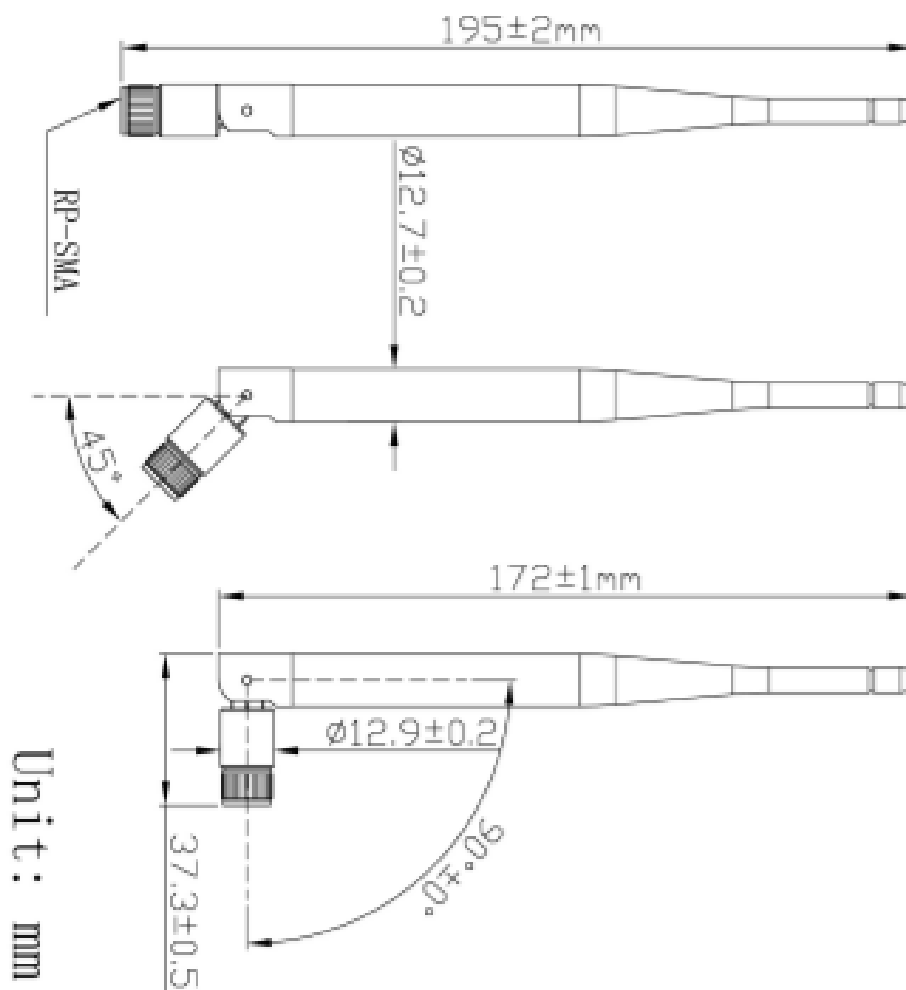
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### Impedance



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Dimensions



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### Different type of SMA connectors



SMA Male



SMA Female



RP-SMA Male



RP-SMA Female

The ERF4054 antenna uses the RP-SMA Male connector.

### About easyRF

easyRF is supplier and manufacturer of wireless communication solutions with an easy-to-use approach, targeting different applications and markets. The products are standard off-the-shelf products, but customization of the products is possible.

easyRF is successful in the a wide range of markets, such as: industrial, agriculture, security, building automation

### Ordering information

Please check [www.easyrf.eu](http://www.easyrf.eu) for distributors in your area or contact us at [info@easyrf.eu](mailto:info@easyrf.eu) for more information. Other frequencies are available on request.

### Technical support

For all product questions please contact us via [info@easyrf.eu](mailto:info@easyrf.eu)