

## ERF4056, 4G antenna, SMA Male connector

### Features

| Electrical Properties<br>Parameter: | Description    |
|-------------------------------------|----------------|
| Frequency Band:                     | 640 ~ 4000 MHz |
| Nominal Impedance:                  | 50 $\Omega$    |
| Polarization:                       | Linear         |
| V.S.W.R:                            | < 2.0          |
| Gain: (without cable)               | 2 dBi          |



### Mechanical Properties

| Parameter:                   | Description                 |
|------------------------------|-----------------------------|
| Antenna Type:                | External Antenna            |
| Mounting Method:             | Adhesive                    |
| Connector Type:              | SMA (Male)                  |
| Antenna Dimensions:          | 115.6*21.7*5.8 mm $\pm$ 0.2 |
| Antenna Color:               | Black                       |
| Cable Length:                | 300 cm $\pm$ 1              |
| Operating Temperature Range: | -40°C~+85°C                 |
| Storage Temperature Range:   | -40°C~+85°C                 |

### Typical applications

- M2M
- 4G/3G/2G
- Wi-Fi
- Zigbee
- LTE
- UMTS
- GSM
- HSPA

### Description

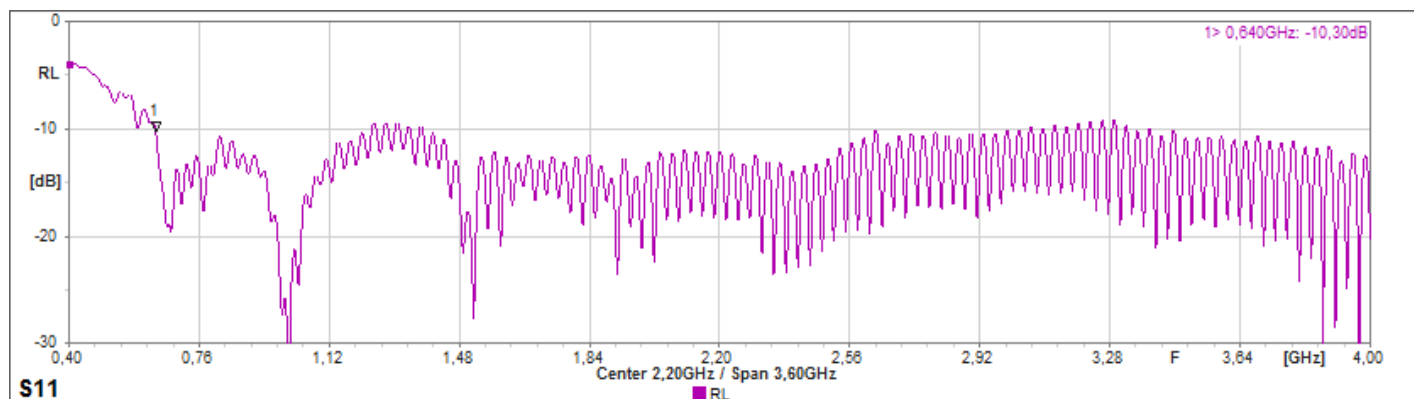
The ERF4056 antenna is a black antenna a SMA Male connector. The antenna can be used in the frequency range of 640 MHz to 4000 MHz.

The antenna can be used for applications such as, M2M , 4G/3G/2G , Wi-Fi, LTE and more.

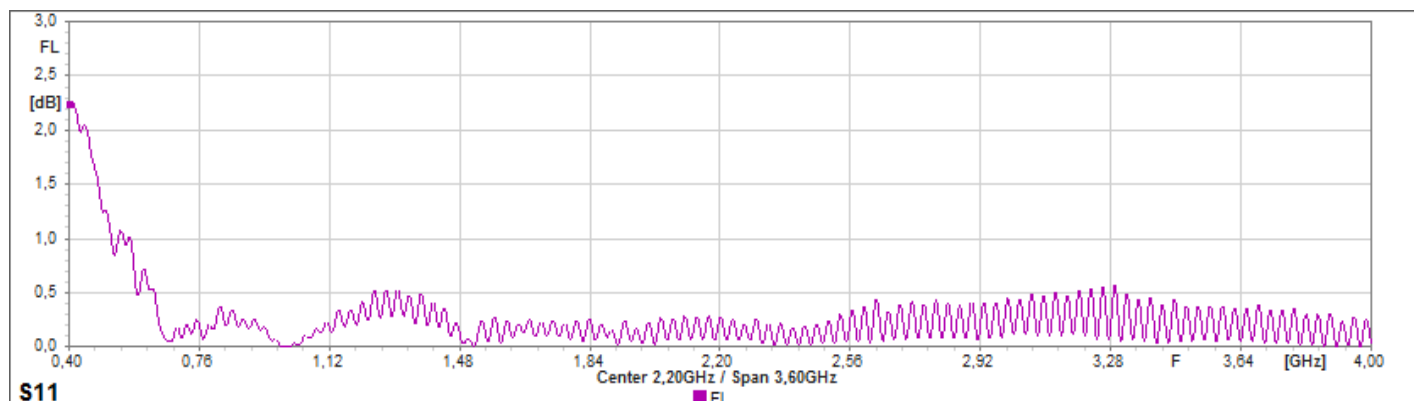
ERF4056, 4G antenna, SMA Male connector

## Antenna Properties

### Return Loss

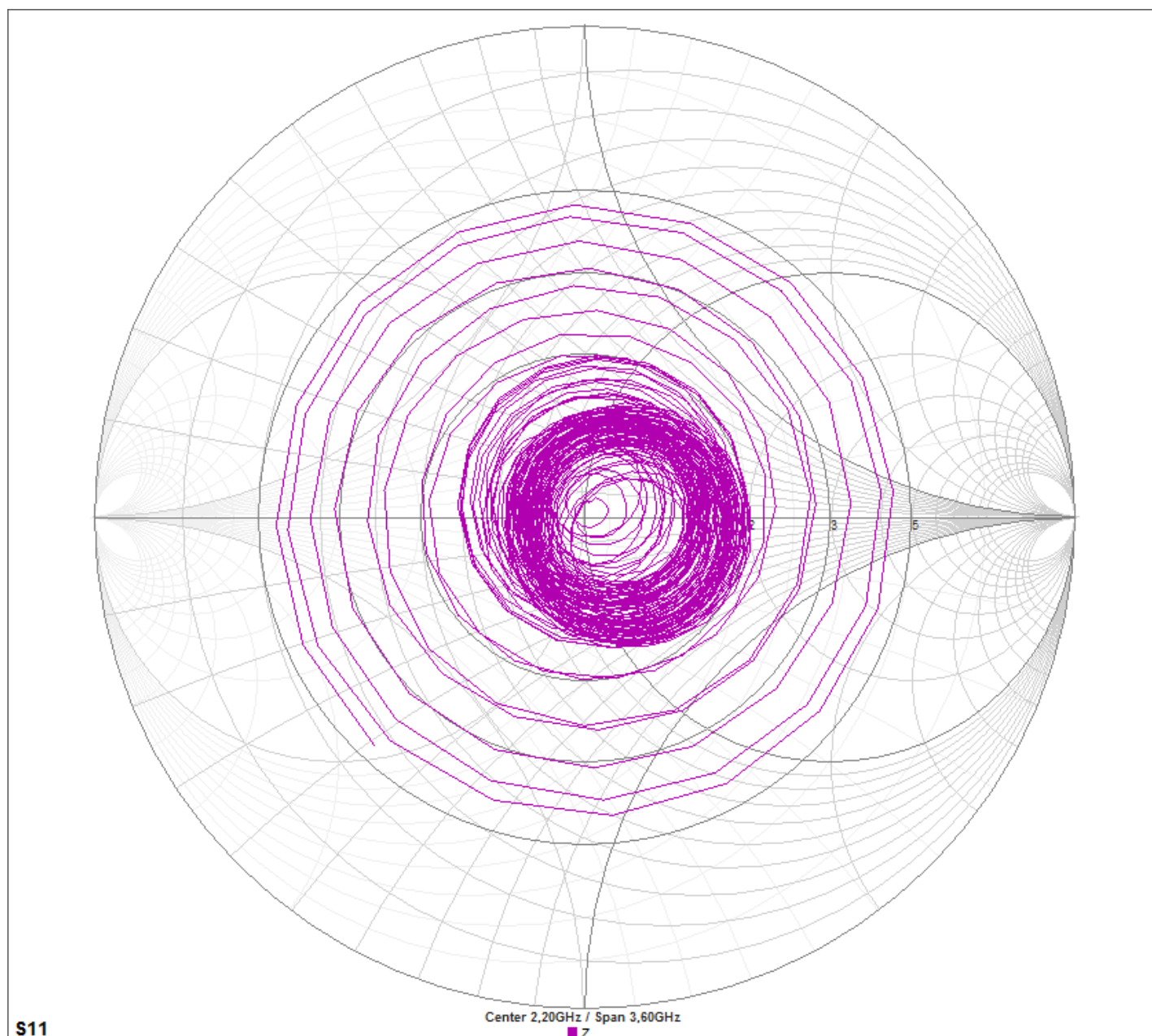


### Forward Loss



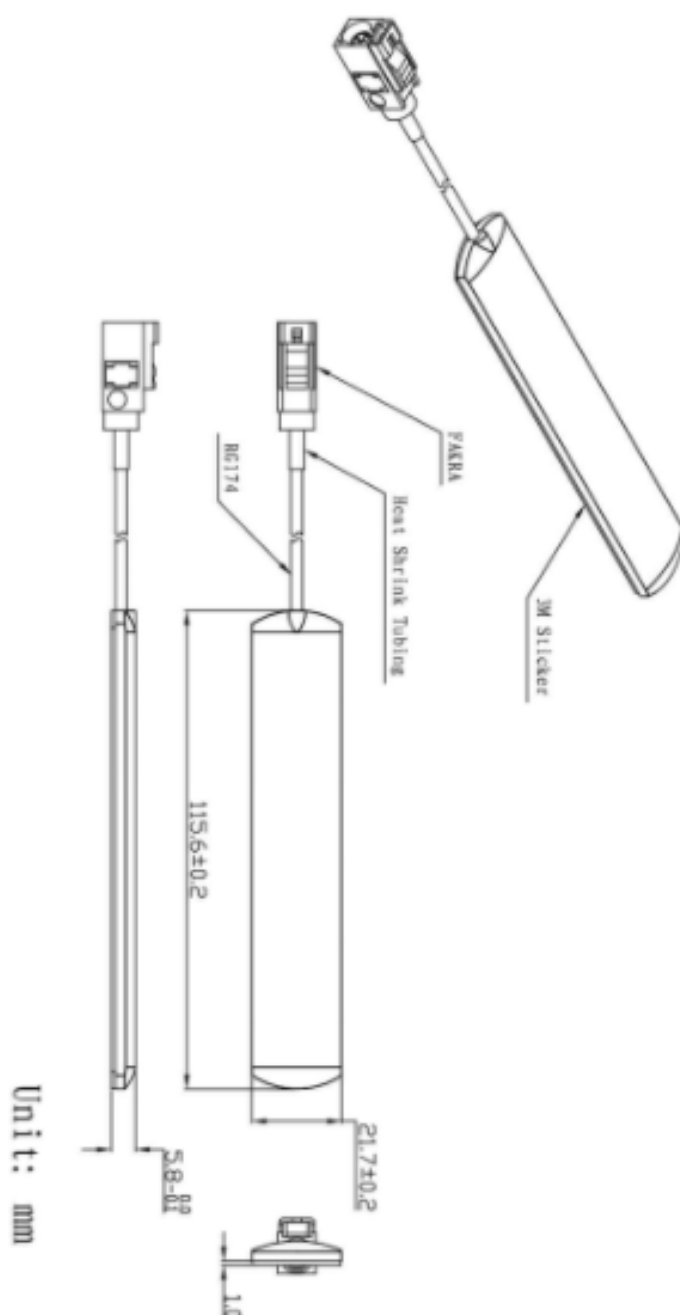
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Impedance



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Dimensions



## ERF4056, 4G antenna, SMA Male connector

**Different type of SMA connectors**

The ERF4056 antenna uses the SMA Male connector.

This antenna is also available with a U.FL connector, please see ERF4060.

**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)