

Features

Electrical Properties

| Parameter: | Description |
|--------------------|-------------------------|
| Frequency Range: | 824~960 / 1710~1990 MHz |
| Nominal Impedance: | 50 Ω |
| Polarization: | Linear |
| V.S.W.R: | <3.0 |
| Gain: | 2dBi |



Mechanical Properties

| Parameter: | Description |
|------------------------------|------------------|
| Antenna Type: | Internal Antenna |
| Connector Type: | U.FL |
| PCB Dimensions: | 47*7.6*1.2 mm |
| Cable length: | 10 cm ± 0.5 |
| Mounting Method: | Adhesive |
| Operating Temperature Range: | -40°C~+85°C |
| Storage Temperature Range: | -40°C~+85°C |

Typical applications

- M2M applications
- IoT
- LTE applications
- GSM

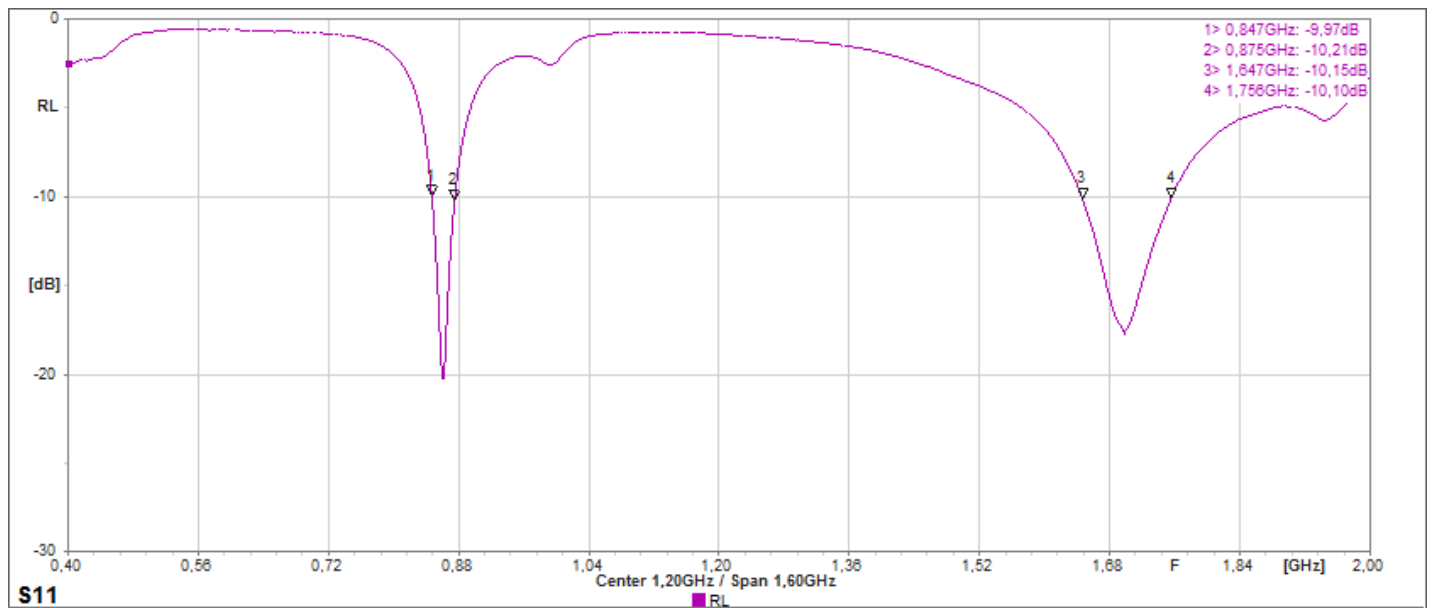
Description

The ERF4093 Antenna is an internal antenna with a U.FL connector. It has a frequency range of 824 ~ 960 MHz / 1710 ~ 1990 MHz. the design enables the antenna to be easily integrated and the adhesive patch allows for easy placement. The antenna can be used for applications such as, M2M applications , IoT, LTE applications and GSM.

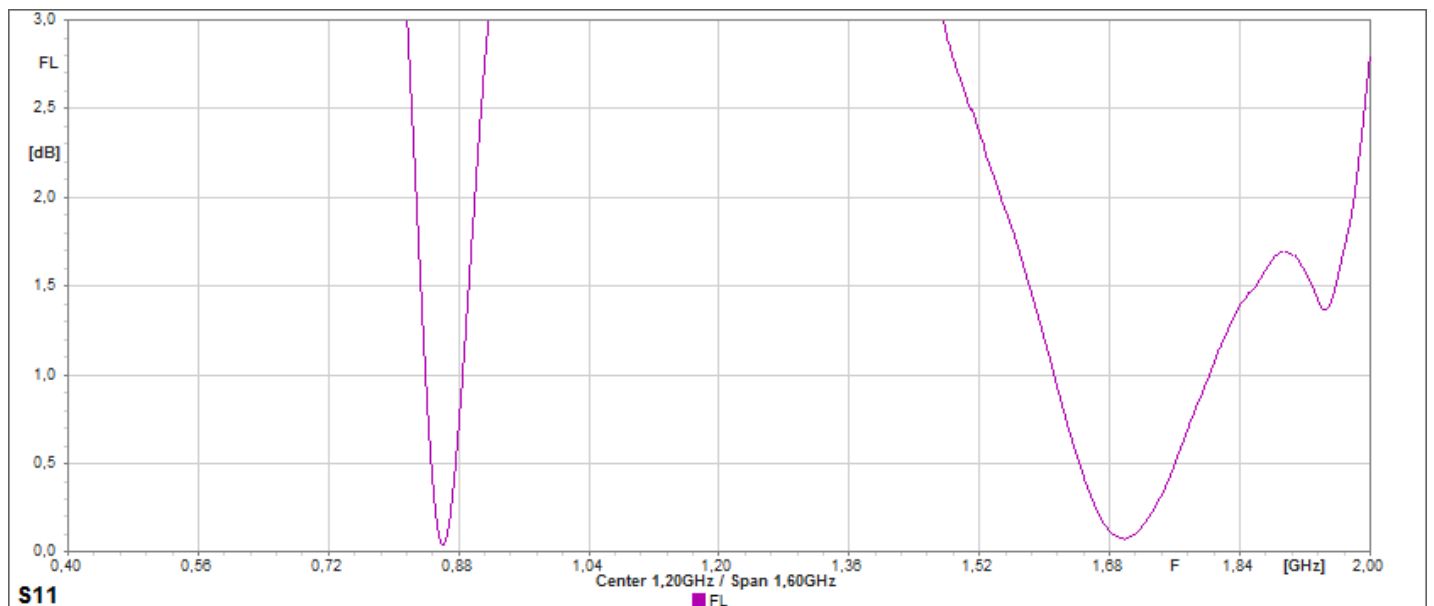
ERF4093, LTE antenna, U.FL connector

Antenna Properties

Return Loss

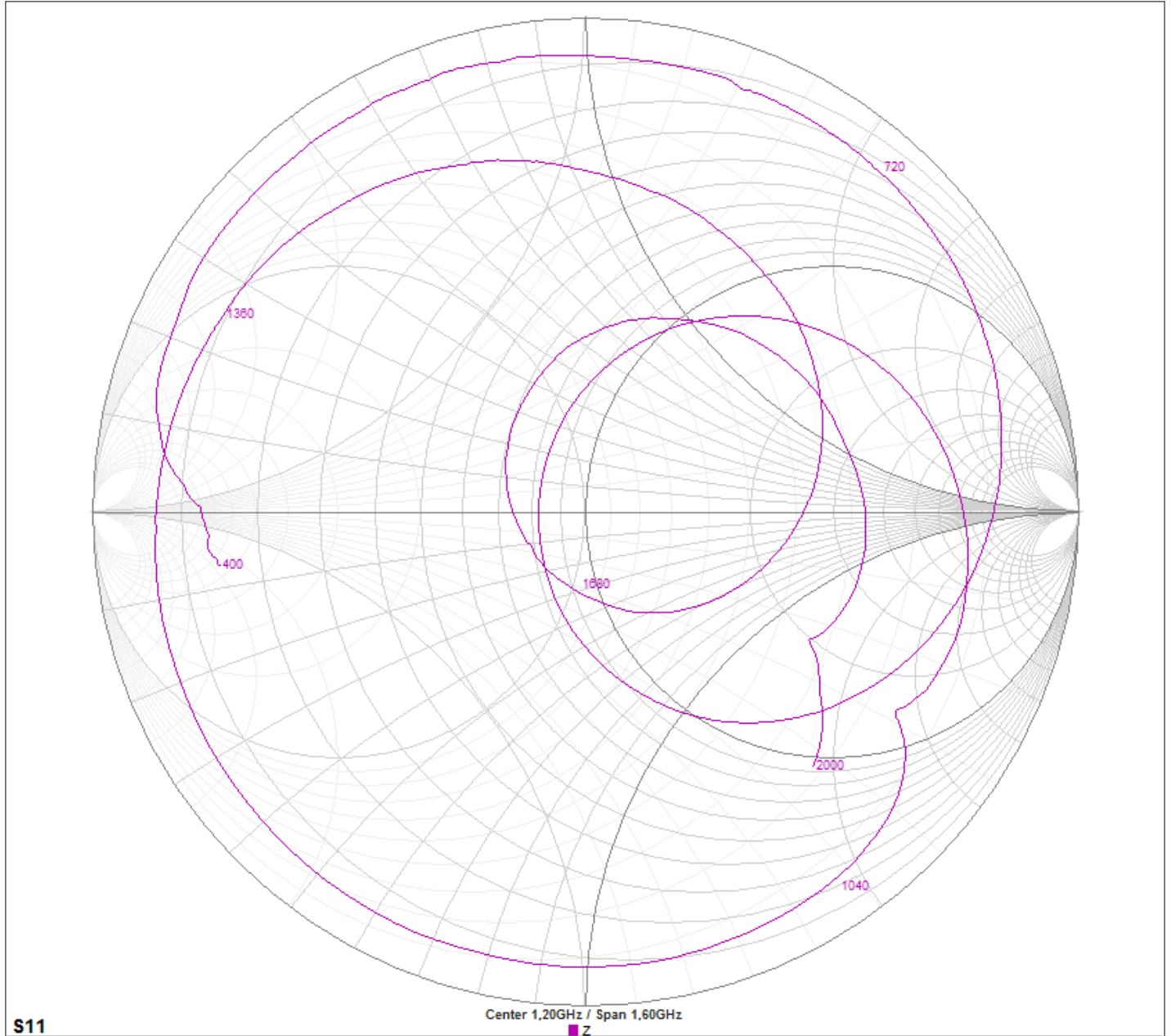


Forward Loss

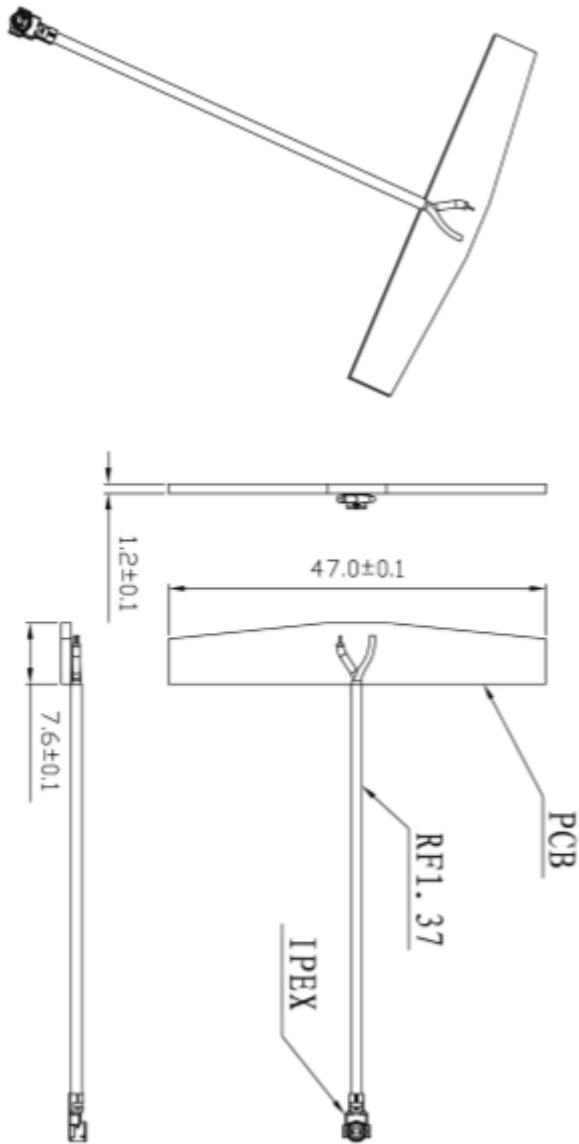


ERF4093, LTE antenna, U.FL connector

Impedance



Dimensions



Unit: mm



ERF4093, LTE antenna, U.FL connector

Connector

The ERF4093 antenna uses a U.FL 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