

ERF4082, GSM/UMTS antenna, U.FL connector

Features

| Electrical Properties Parameter: | Description |
|-------------------------------------|-----------------------|
| Frequency Band: | 698~960/1710~2690 MHz |
| Nominal Impedance: | 50 Ω |
| Polarization: | Linear |
| V.S.W.R: | < 3.0 |
| Gain: | 2 dBi |



Mechanical Properties

| Parameter: | Description |
|------------------------------|--------------------|
| Antenna Type: | internal Antenna |
| Connector Type: | U.FL |
| PCB Dimensions: | 64*17*0.2 mm ± 0.1 |
| Cable type: | RF1.13 |
| Antenna Color: | Green |
| Operating Temperature Range: | N/A |
| Storage Temperature Range: | N/A |

Typical applications

- GSM
- GPRS
- UMTS
- M2M
- LoRa

Description

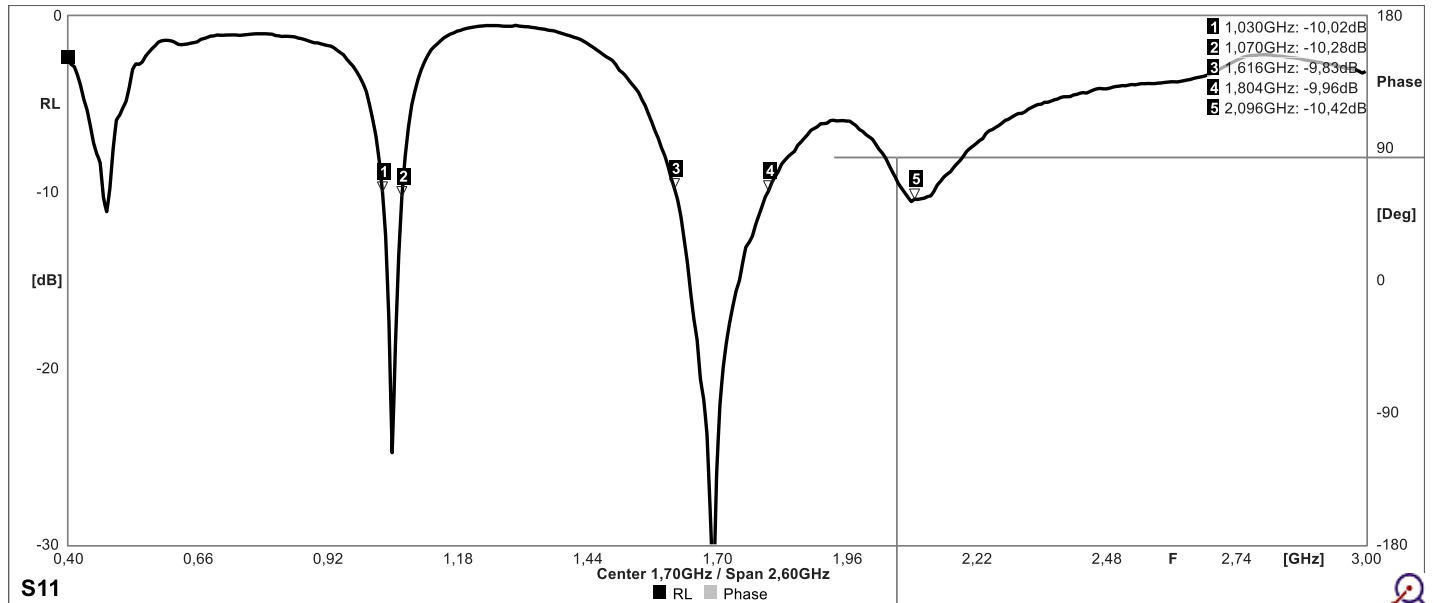
The ERF4082 antenna is an internal UMTS antenna with a U.FL connector. The antenna can also be used in the frequency band of 698 ~ 960 /1710 ~ 2170 MHz.

The antenna can be used for applications , GSM , M2M, UMTS, M2M, Lora and more.

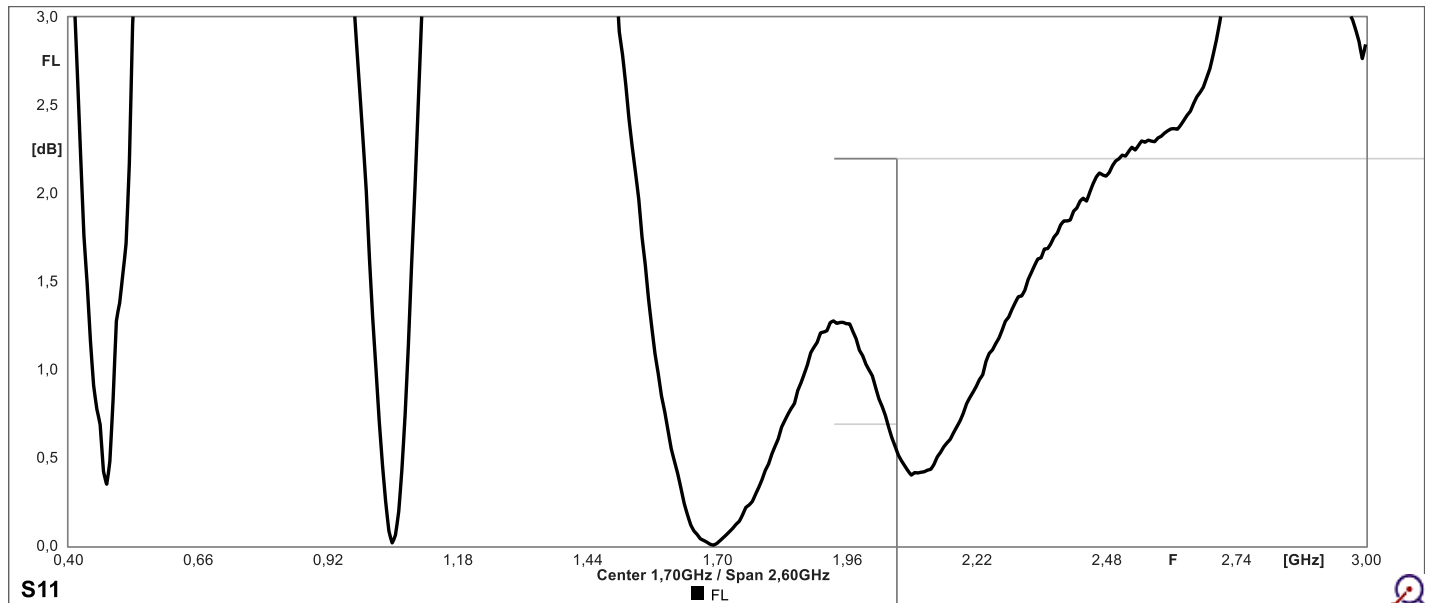
ERF4082, GSM/UMTS antenna, U.FL connector

Antenna Properties

Return Loss

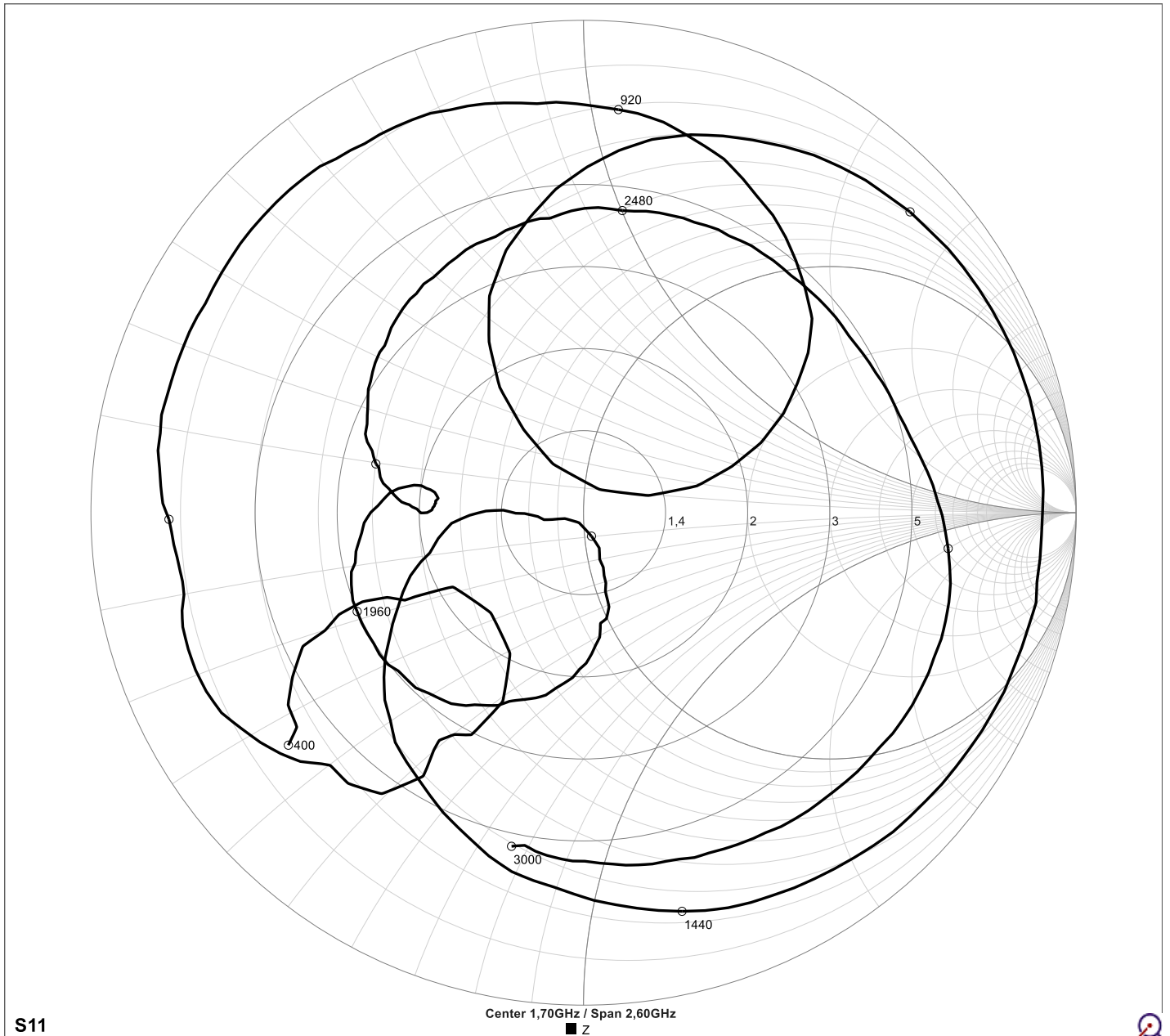


Forward Loss



ERF4082, GSM/UMTS antenna, U.FL connector

Impedance





ERF4082, GSM/UMTS antenna, U.FL connector

Connector

The ERF4082 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