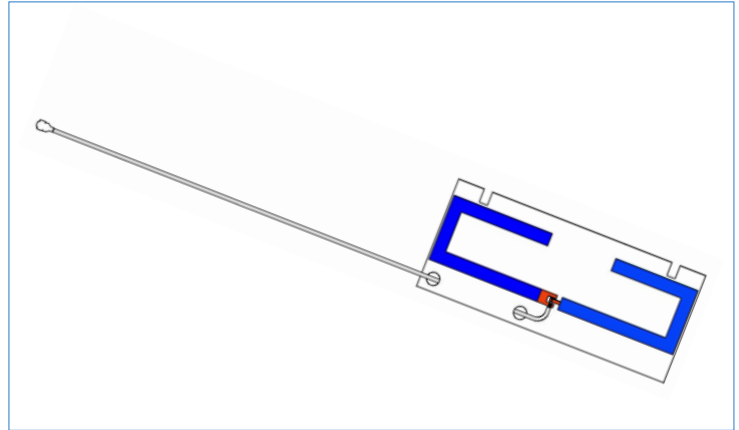


ERF4030, 868 MHz antenna, U.fl connector

**Features**

**Electrical Properties**

Parameter:	Description
Frequency Band:	868 MHz
Nominal Impedance:	50 Ω
Polarization:	Vertical
V.S.W.R:	< 2.5
Gain:	N/A



**Mechanical Properties**

Parameter:	Description
Antenna Type:	Internal Antenna
Connector Type:	U.FL
PCB Dimensions:	80*35*0.2 mm ± 0.1
Cable type:	RF1.13
Cable Length:	150 mm
Operating Temperature Range:	-20°C~+60°C
Storage Temperature Range:	-30°C~+70°C

**Typical applications**

- M2M
- LoRa
- Zigbee

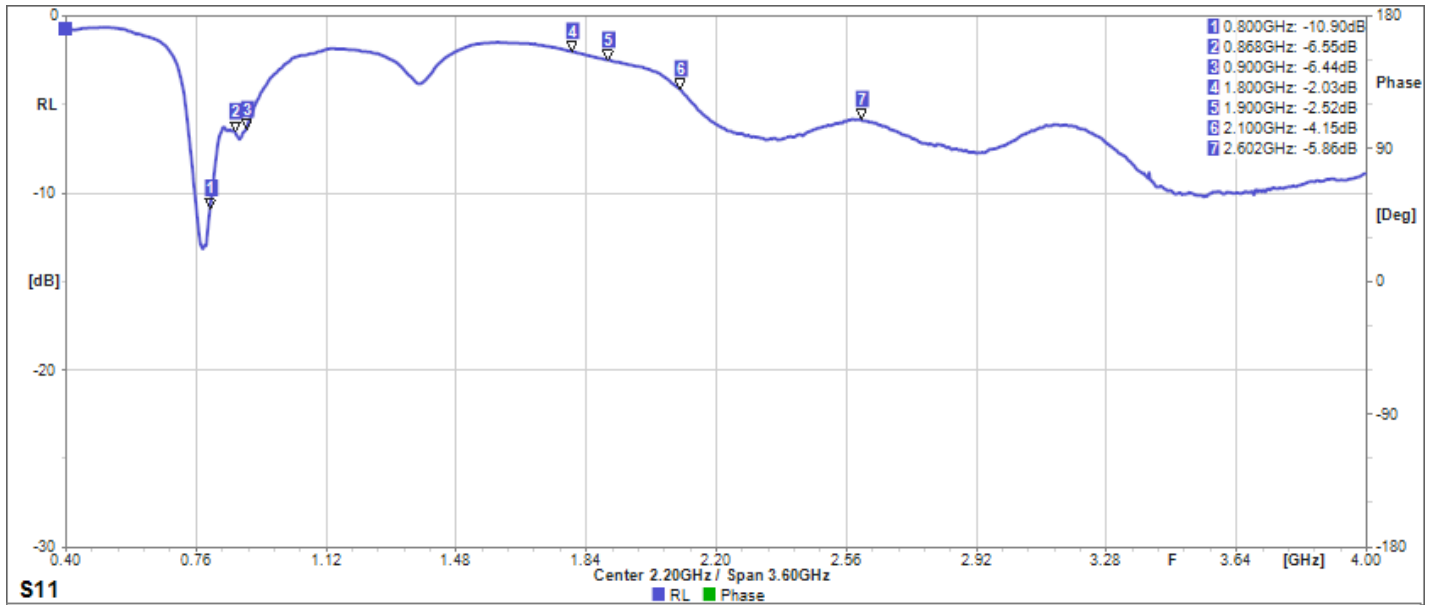
**Description**

The ERF4030 antenna is an internal UMTS antenna with a U.FL connector. The antenna can be used for applications such as, M2M, LoRa, Zigbee, and more.

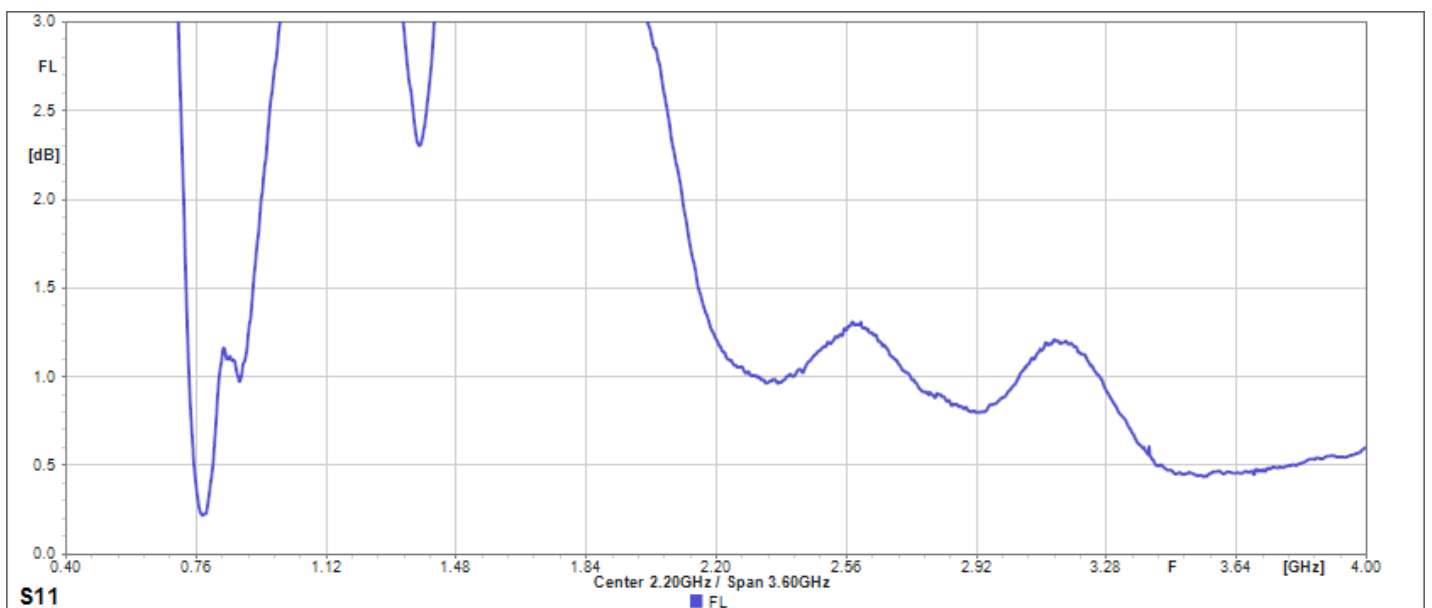
ERF4030, 868 MHz antenna, U.fl connector

**Antenna Properties**

**Return Loss**

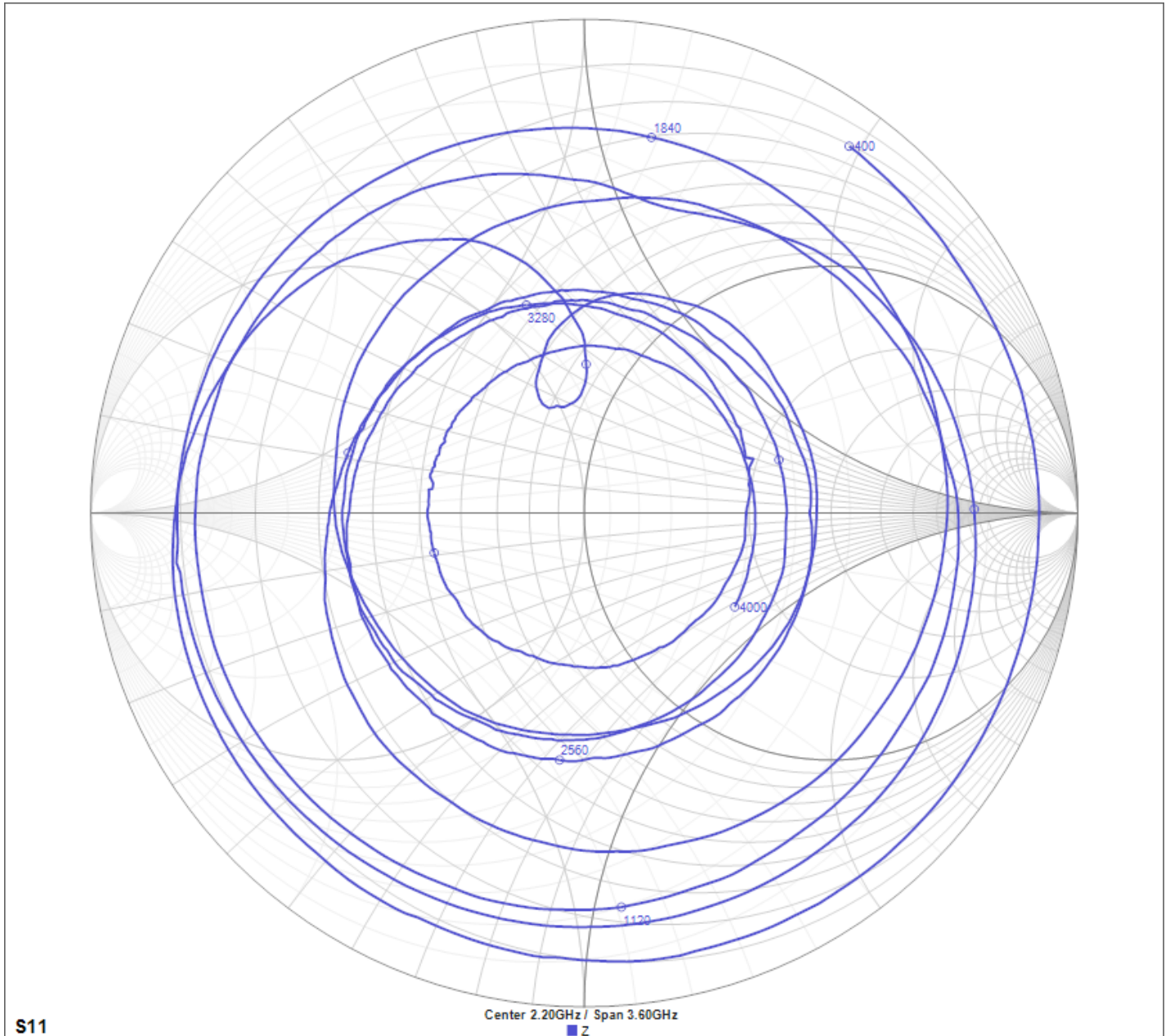


**Forward Loss**

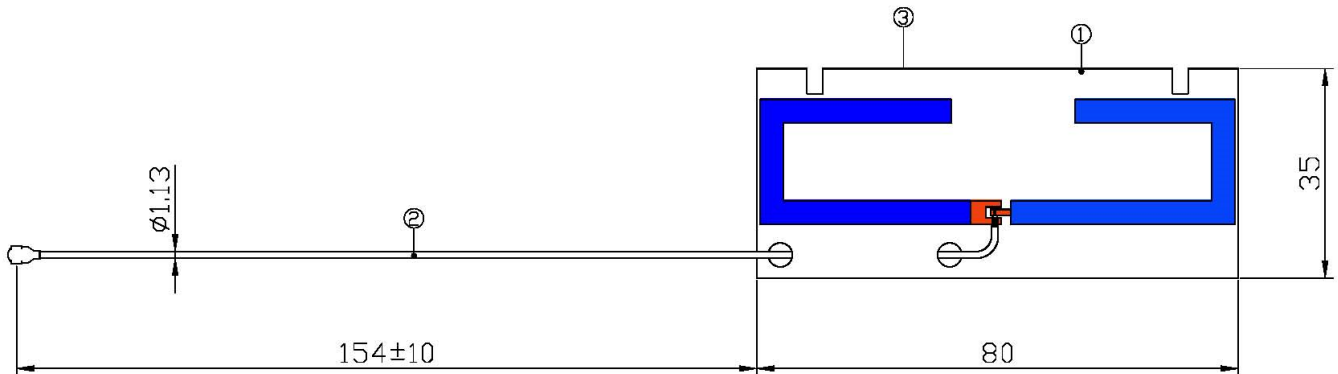


ERF4030, 868 MHz antenna, U.fl connector

Impedance



## ERF4030, 868 MHz antenna, U.fl connector

**Dimensions**

Unit: mm

**Connector**

The ERF4030 uses a U.FL connector.

**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)