

ERF4077, 868 MHz antenna, U.FL connector

**Features**

**Electrical Properties**

Parameter:	Description
Frequency Band:	868 MHz / 1800 ~ 2100 MHz / 2400 MHz
Nominal Impedance:	50 Ω
Polarization:	Vertical
V.S.W.R:	< 3.0



**Mechanical Properties**

Parameter:	Description
Antenna Type:	External Antenna
Connector Type:	U.FL
Antenna Dimensions:	89 mm ± 5
Cable length:	700 cm ± 0.2
Antenna Color:	Black
Operating Temperature Range:	-30°C~+70°C
Storage Temperature Range:	-30°C~+70°C

**Typical applications**

- M2M
- GSM
- Bluetooth
- Wifi
- Zigbee

**Description**

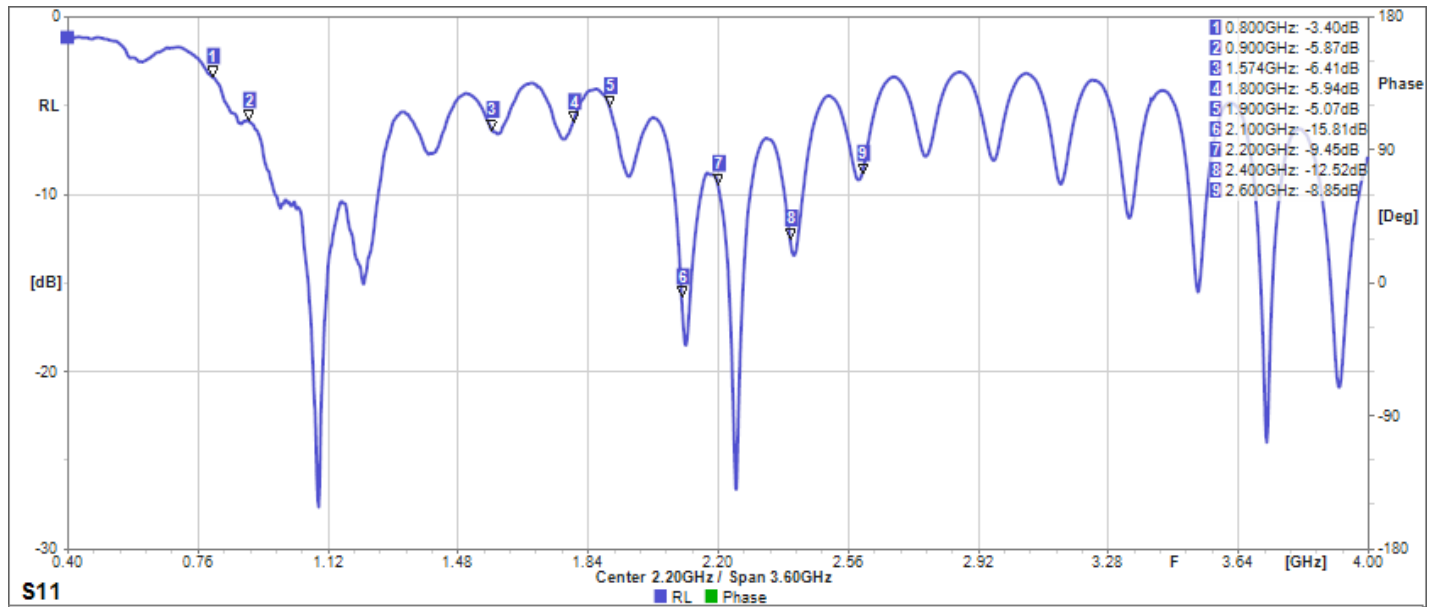
The ERF4077 antenna is a black 868 MHz antenna with a U.FL connector. The antenna can also be used in the frequency band of 1800 ~ 2100 MHz and 2400 MHz.

The antenna can be used for applications such as, M2M, GSM, Wifi and Zigbee.

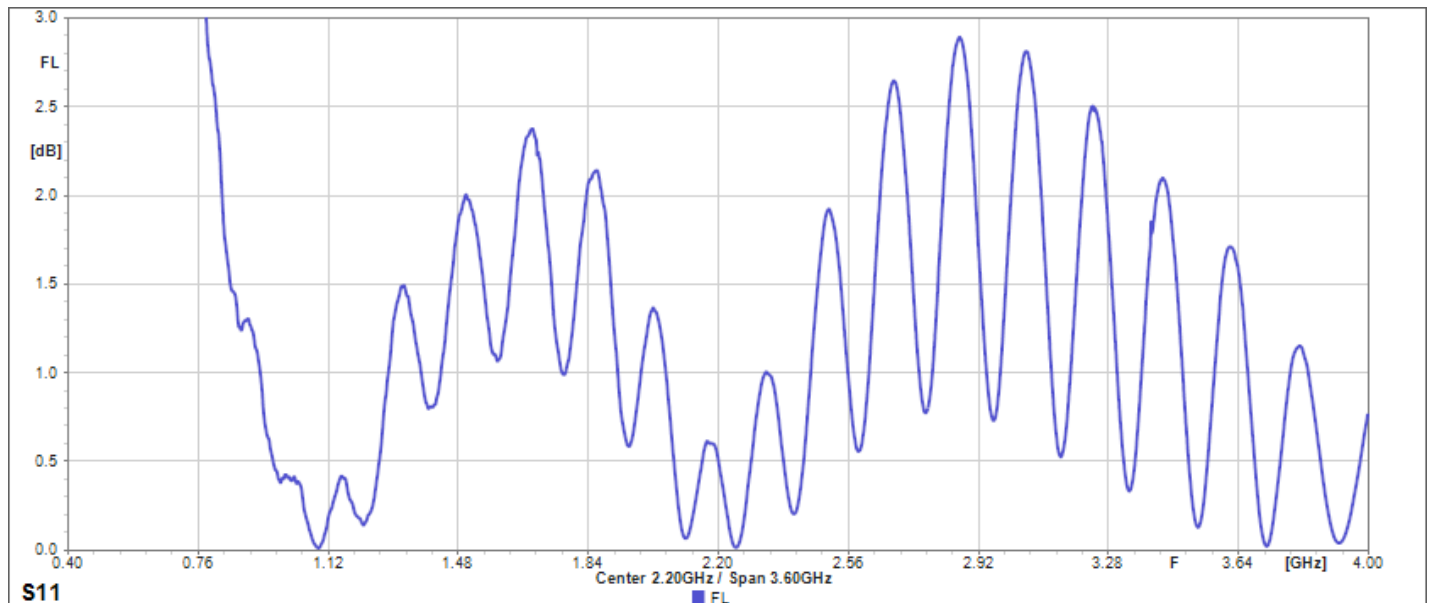
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**Antenna Properties**

**Return Loss**

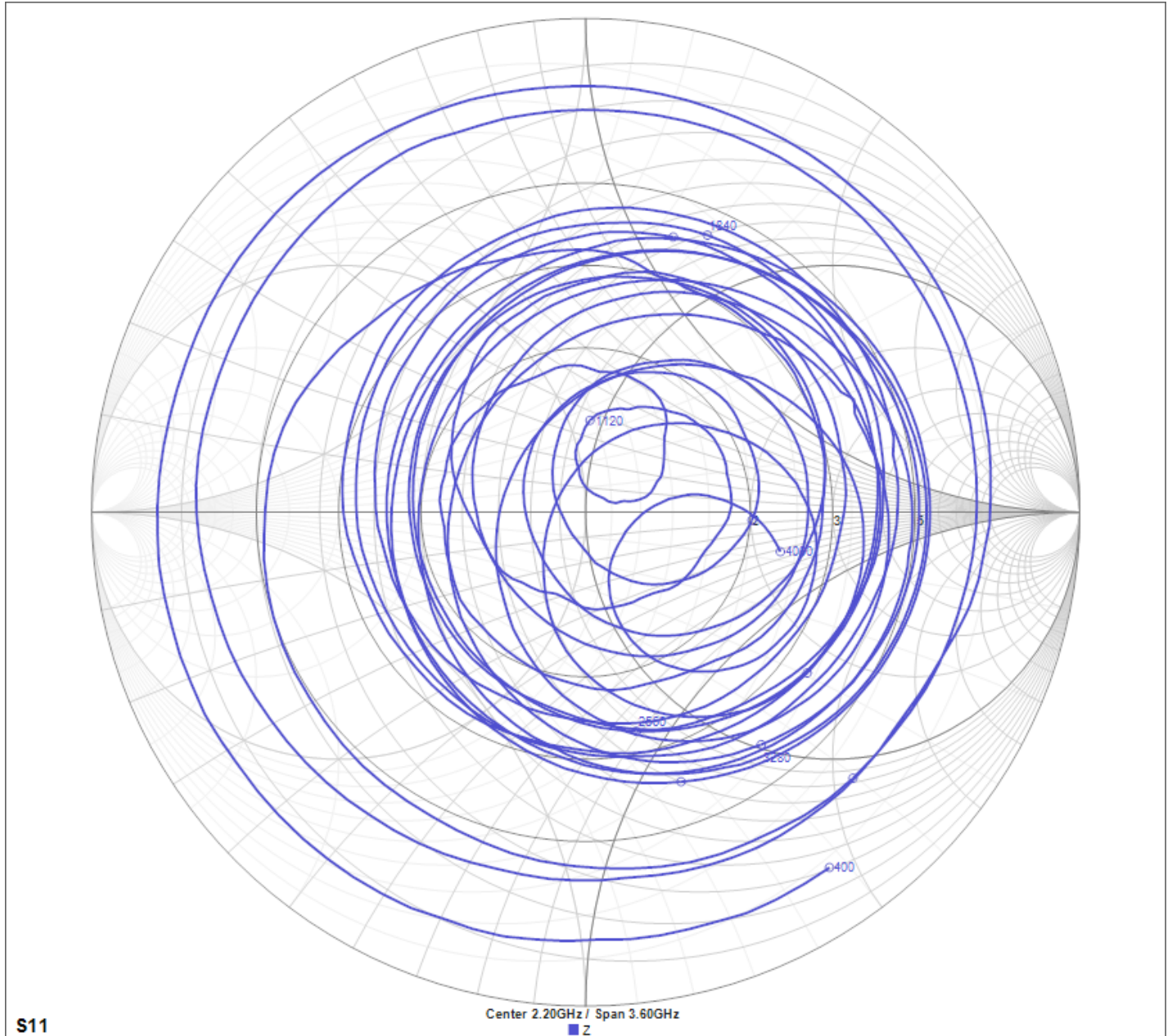


**Forward Loss**



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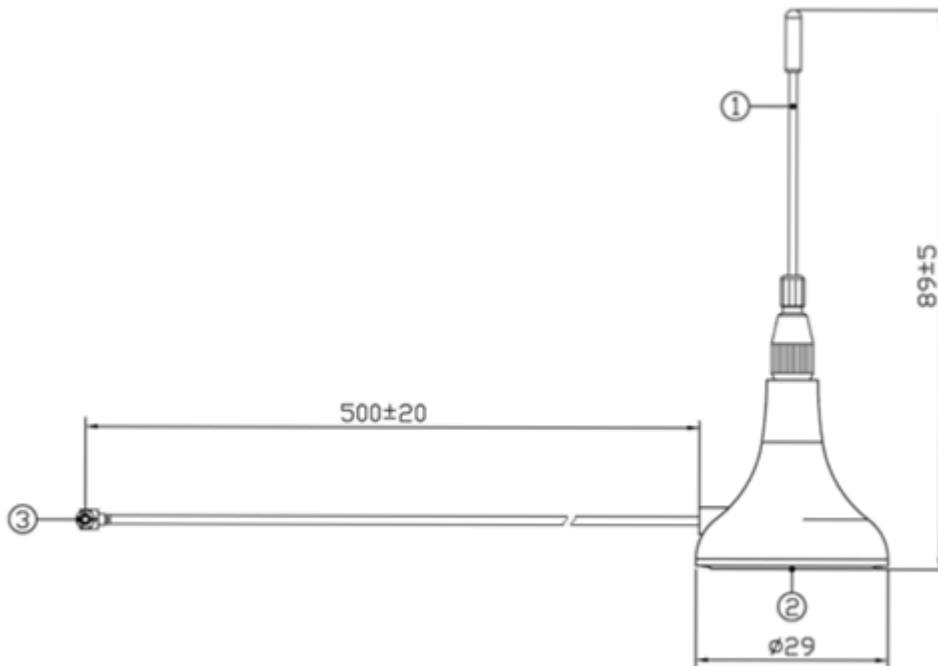
Impedance



## ERF4077, 868 MHz antenna, U.FL connector

**Dimensions**

\*The ERF4077 uses a 700 cm cable



Unit: mm

**Connector**

The ERF4077 uses an 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)