

ERF4090, 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:	20 m ± 0.1
Operating Temperature Range:	-30°C~+70°C
Storage Temperature Range:	-30°C~+70°C

Typical applications

- M2M
- GSM
- Bluetooth
- Wi-Fi
- Zigbee

Description

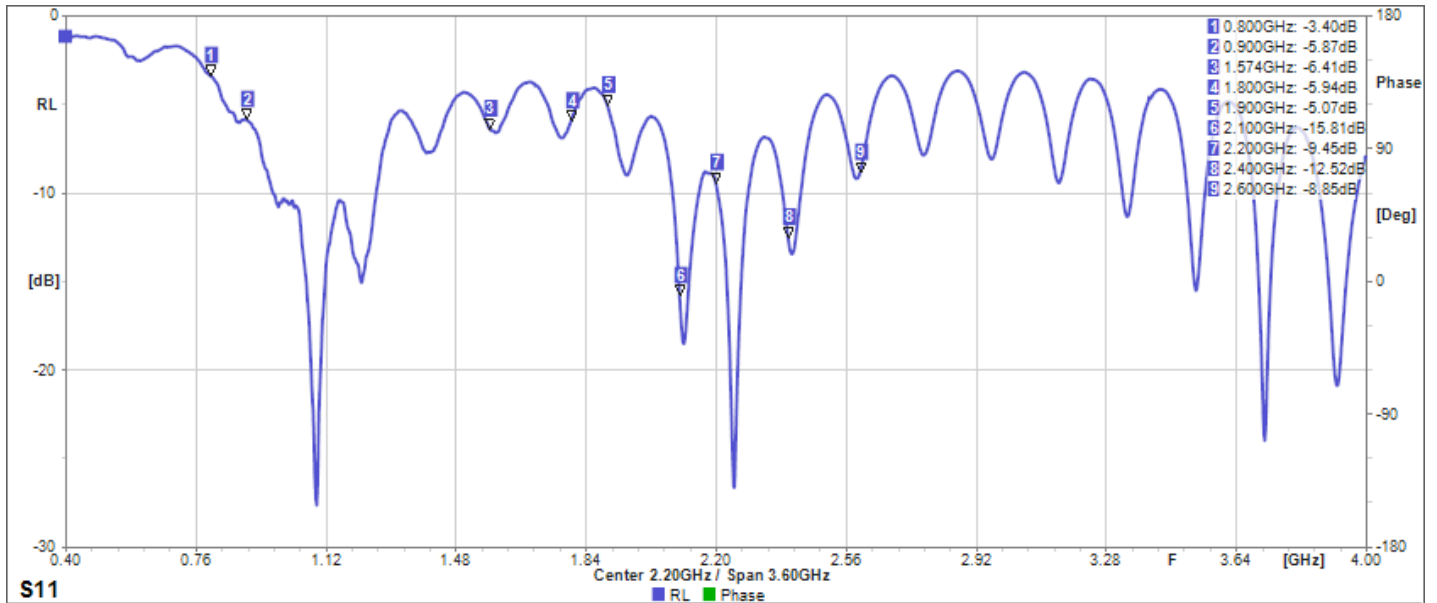
The ERF4090 antenna is a black 868 MHz antenna with a U.FL connector. The antenna can also be used in the frequency band of 1800 ~ 2100 MHz and 2400 MHz.

The antenna can be used for applications such as, M2M, GSM, Wi-Fi and Zigbee.

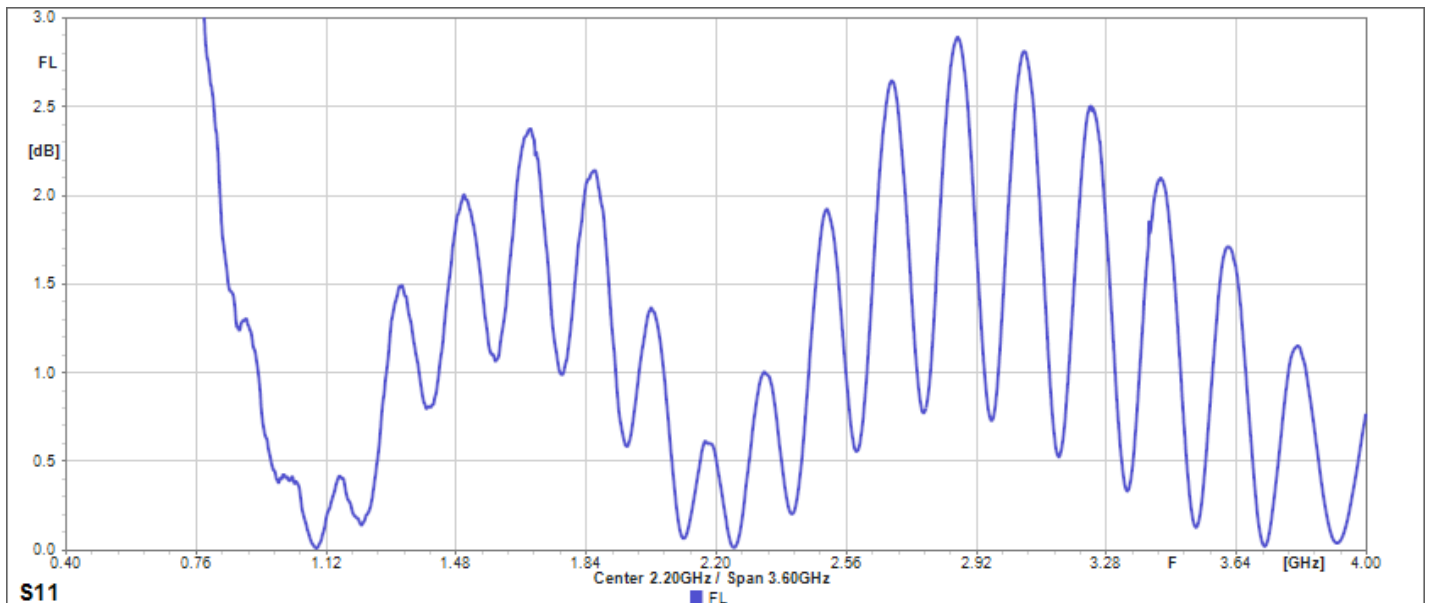
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Antenna Properties

Return Loss

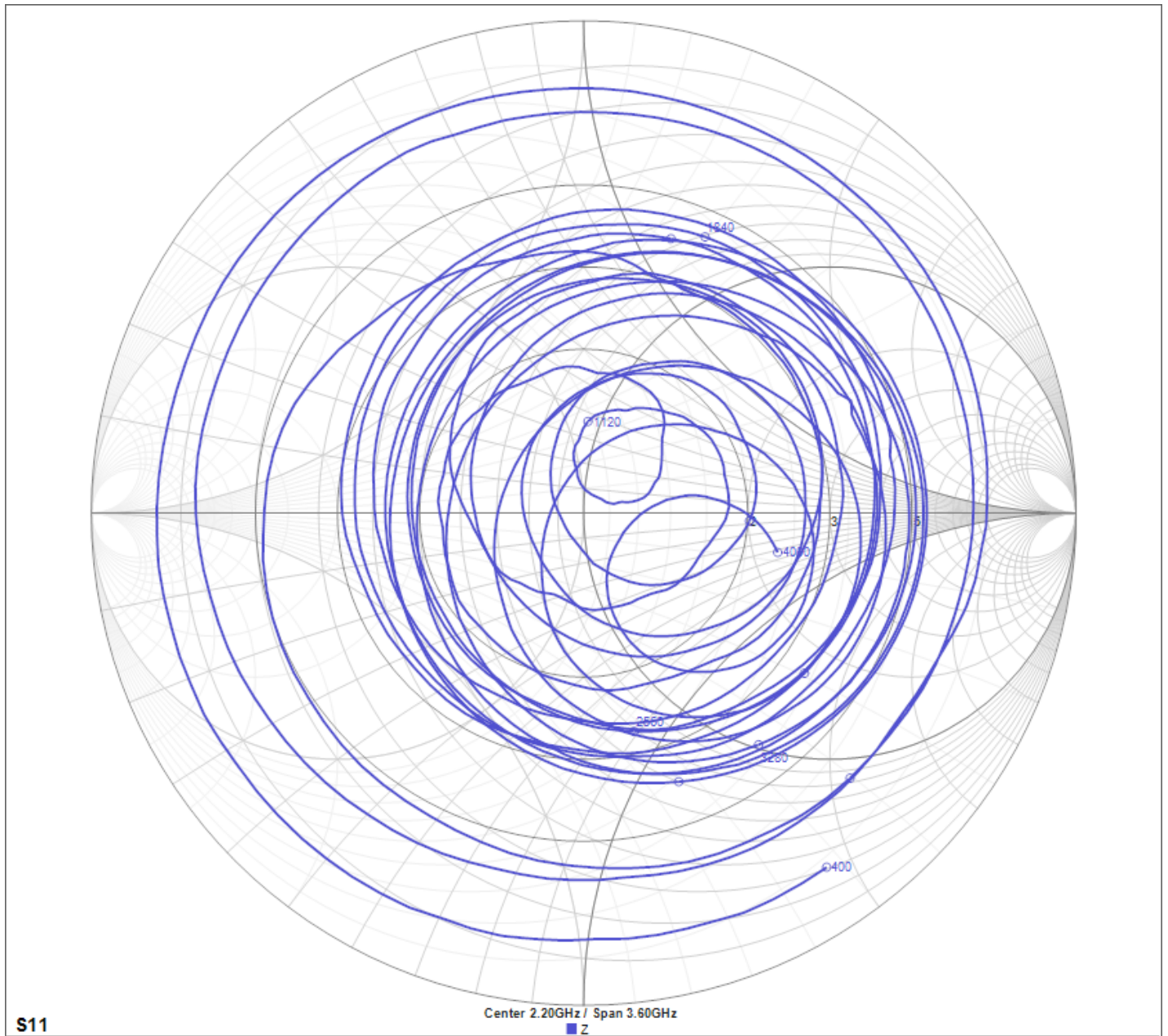


Forward Loss



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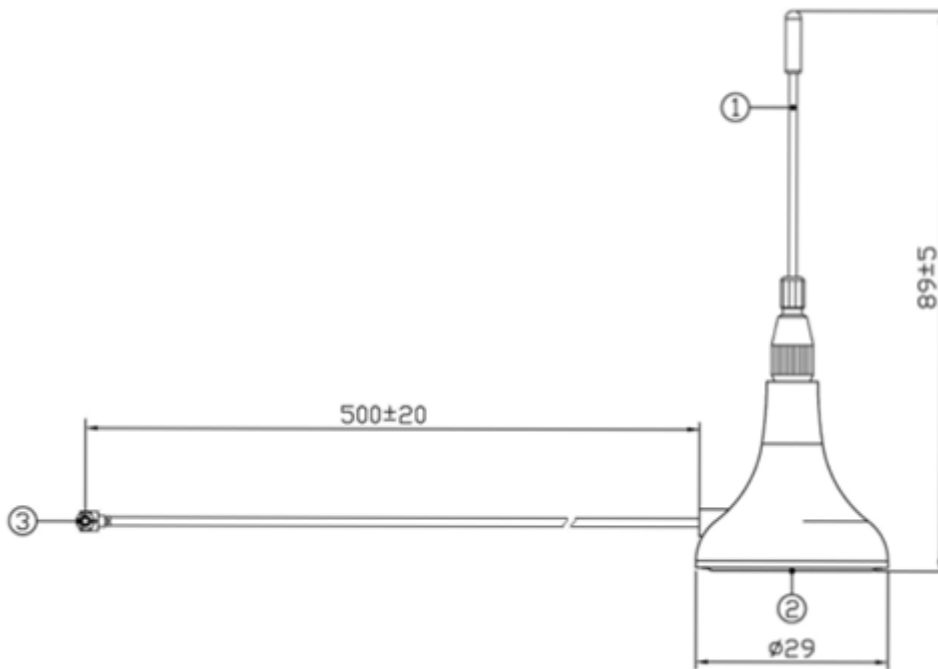
Impedance



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Dimensions

*The ERF4090 uses a 20m cable



Unit: mm

Connector

The ERF4090 uses an 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