

Antenna, Whip Hinge

ERF4043

Description

The ERF4043 Antenna is a black 868 MHz antenna with a hinged design and a SMA (Male) connector. The hinged design enables the antenna to be positioned at its most suitable angle with a maximum of 90°. The antenna can also be used in these frequency bands: 2680 to 2820 MHz. The antenna can be used for applications such as M2M, GSM and IoT.



Technology

- LoRa
- ISM

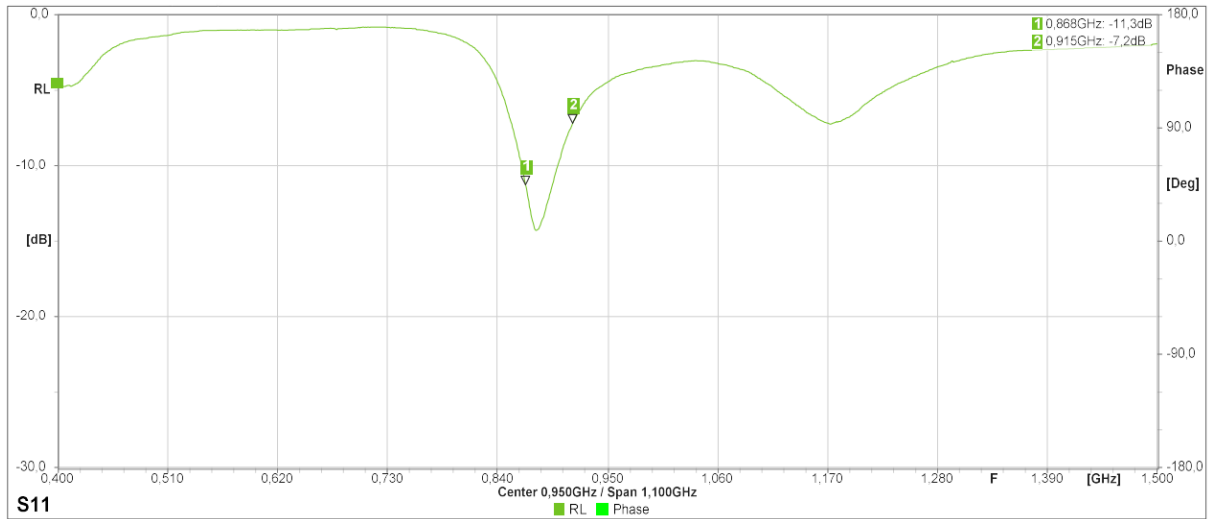
Features

Electrical Properties	Description		
Frequency marker	Frequency band MHz	Return loss dB	V.S.W.R.
1	868	-11.3	< 1.7
2	915	-7.2	< 2.5
Nominal Impedance:	50 Ω		
Polarization:	Vertical		

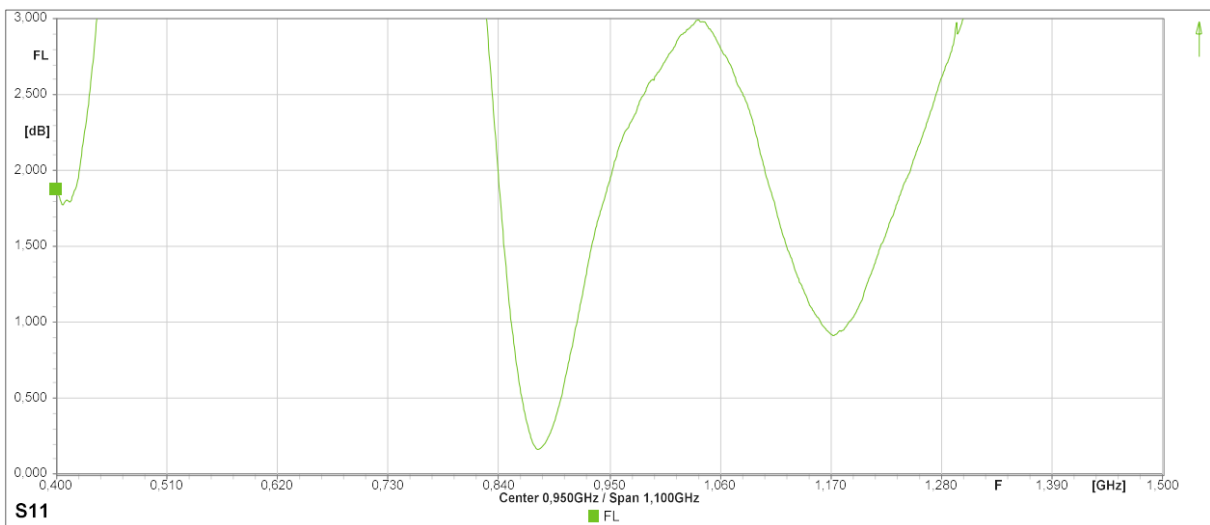
Mechanical Properties	Description
Antenna	External Antenna
Mounting	Terminal Screw connector
Connector	SMA (Male)
Dimensions	186 mm ± 0.5
Color	Black
Operating Temperature	-20°C~+60°C
Storage Temperature	-30°C~+70°C

Antenna Properties

Return Loss



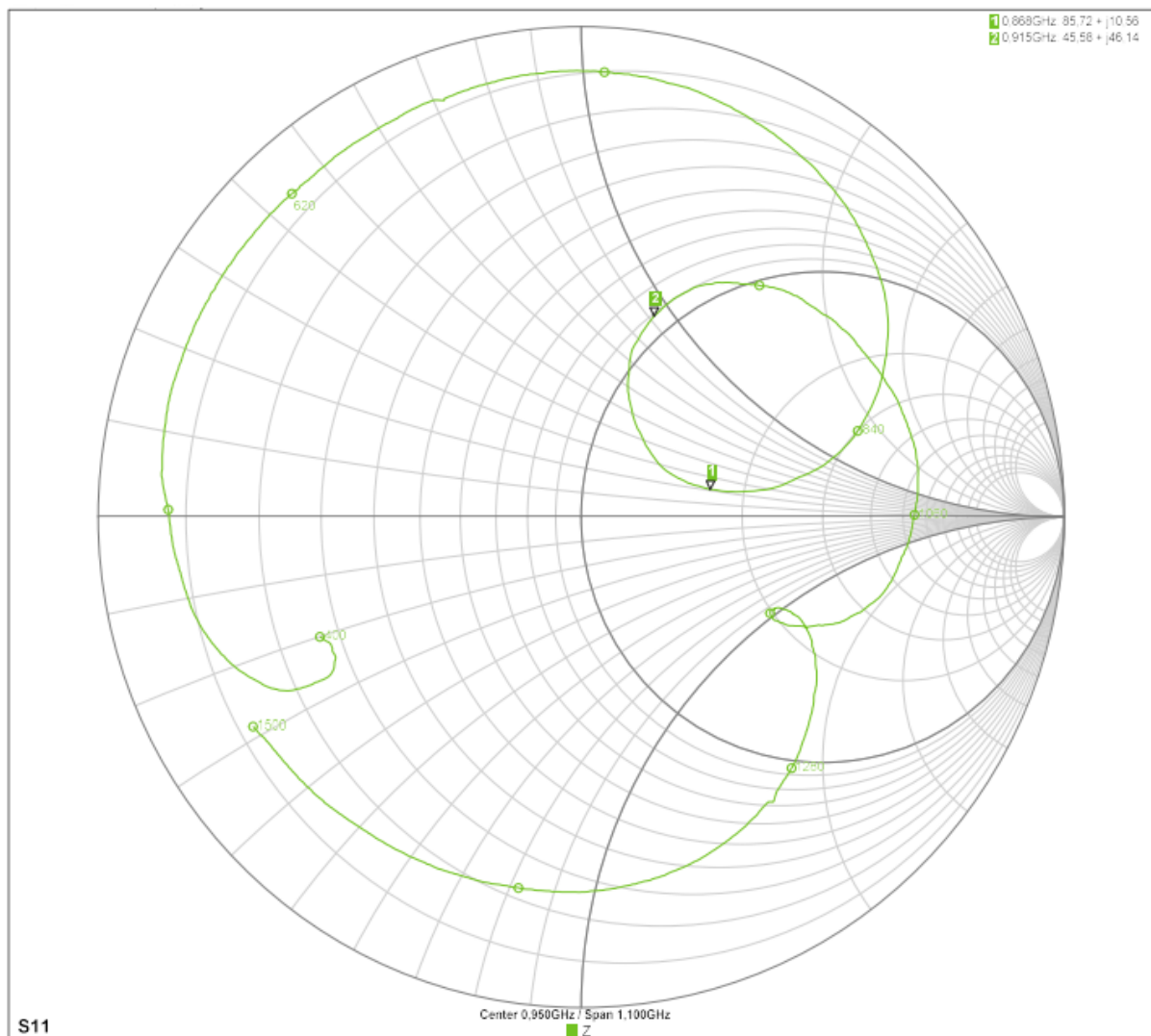
Forward Loss



Antenna, Whip Hinge

ERF4043

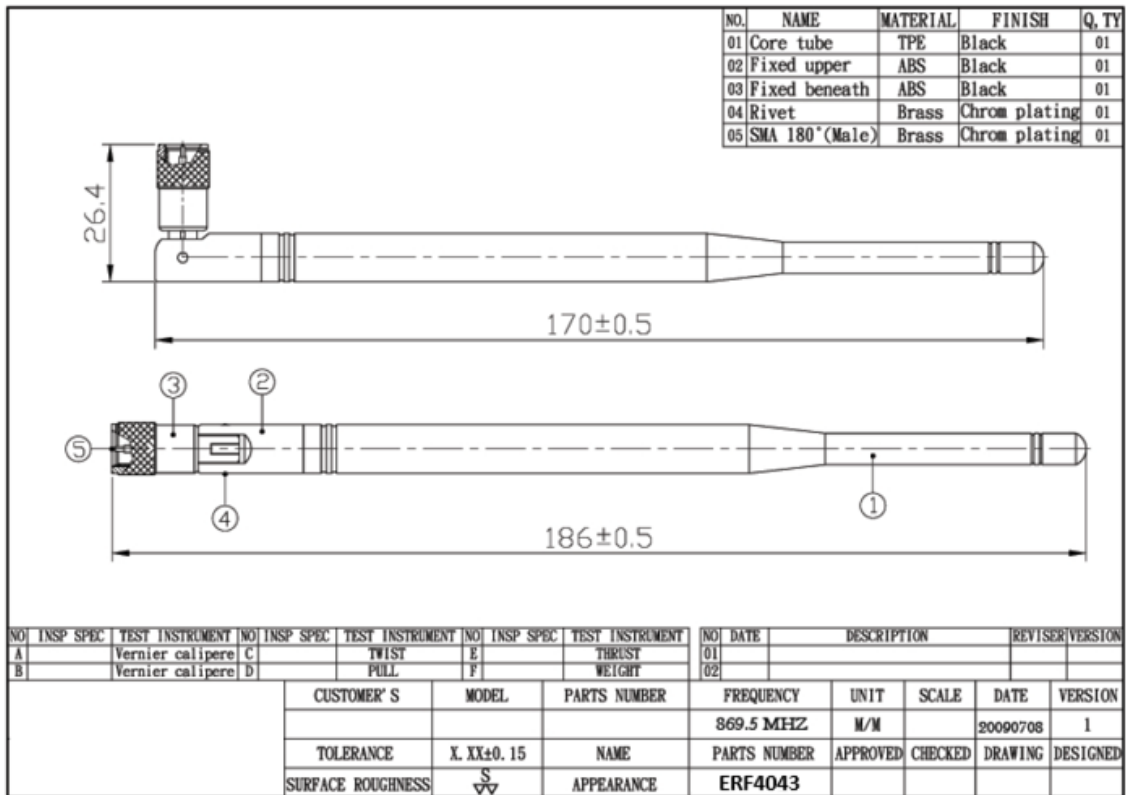
Impedance



Antenna, Whip Hinge

ERF4043

Dimensions



Connector



SMA Male



SMA Female



RP-SMA Male



RP-SMA Female

The ERF4043 antenna uses the SMA Male connector.

Antenna, Whip Hinge

ERF4043



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

Document revision

Rev	Date	changes
V01.00	06-04-2023	First issue of document