

ERF4043, 868 MHz antenna, SMA Male connector

Features

Electrical Properties

Parameter:	Description
Frequency Band:	860 ~ 900 MHz / 2680 ~ 2820 MHz
Nominal Impedance:	50 Ω
Polarization:	Vertical
V.S.W.R:	< 3.0



Mechanical Properties

Parameter:	Description
Antenna Type:	External Antenna
Mounting Method:	Screw Type
Connector Type:	SMA (Male)
Antenna Dimensions:	186 mm \pm 0.5
Antenna Color:	Black
Operating Temperature Range:	-20°C~+60°C
Storage Temperature Range:	-30°C~+70°C

Typical applications

- M2M applications
- GSM
- IoT

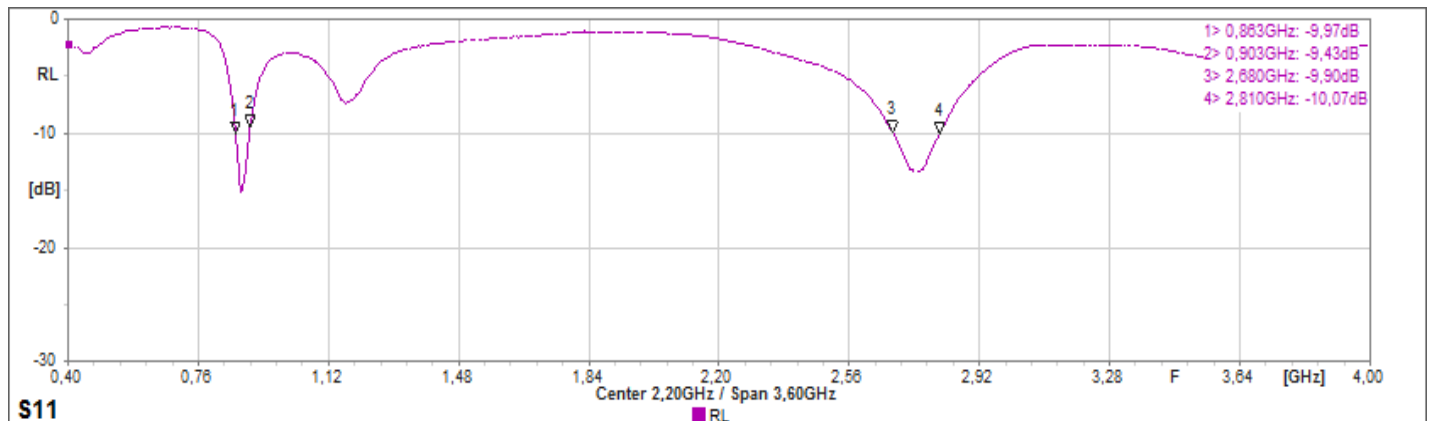
Description

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.

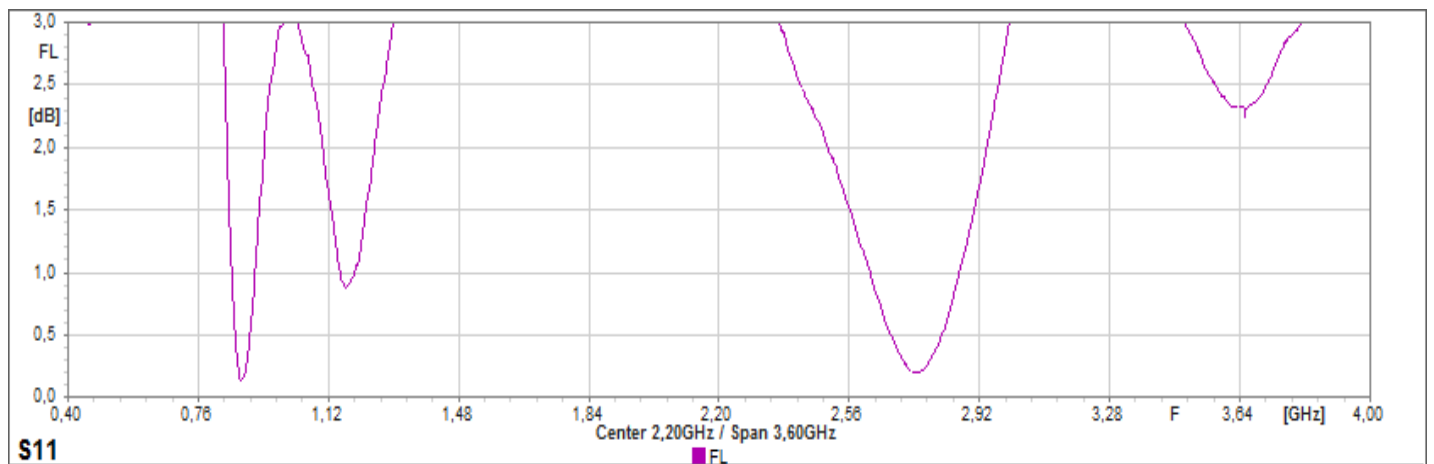
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Antenna Properties

Forward loss

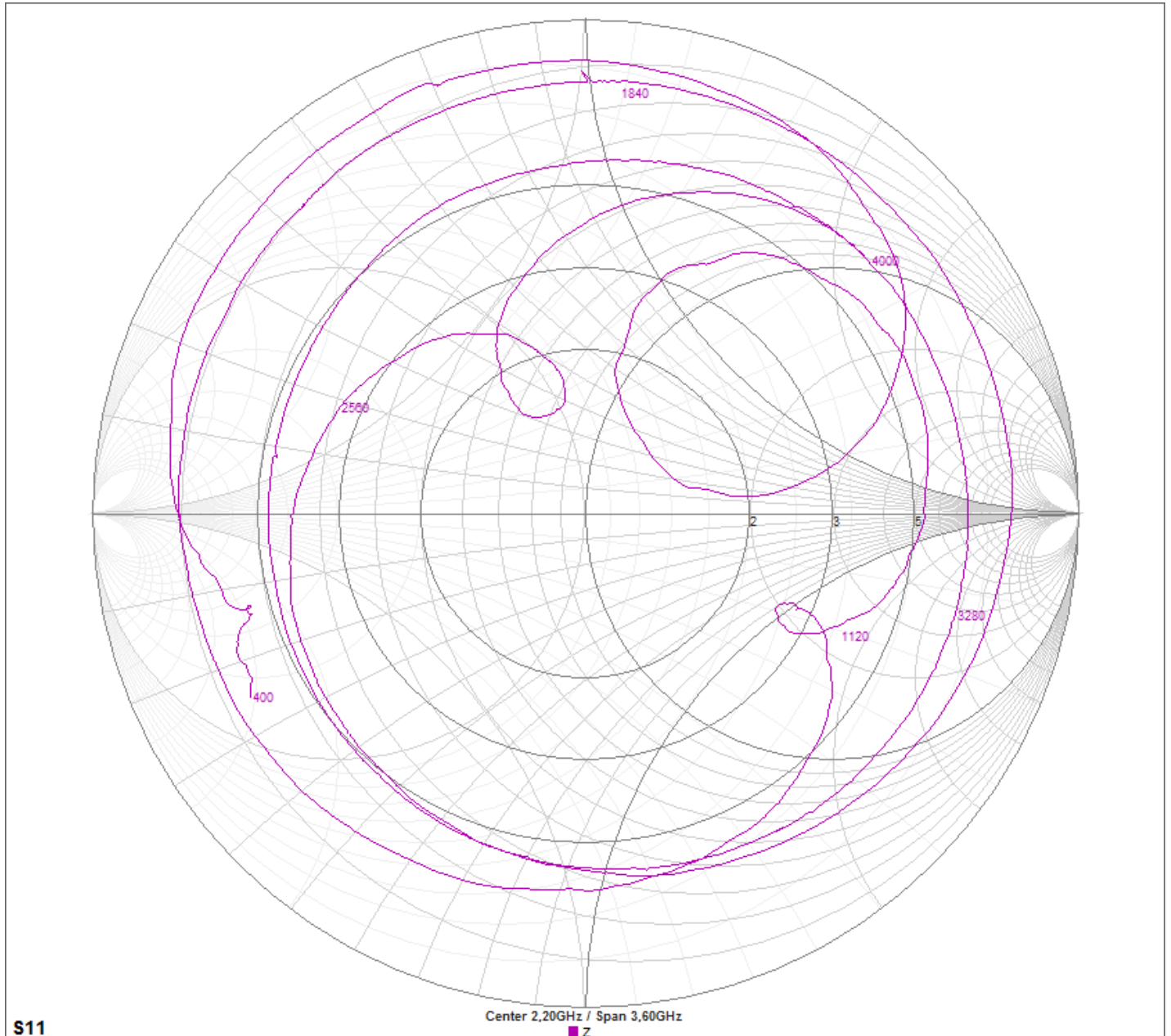


Return loss



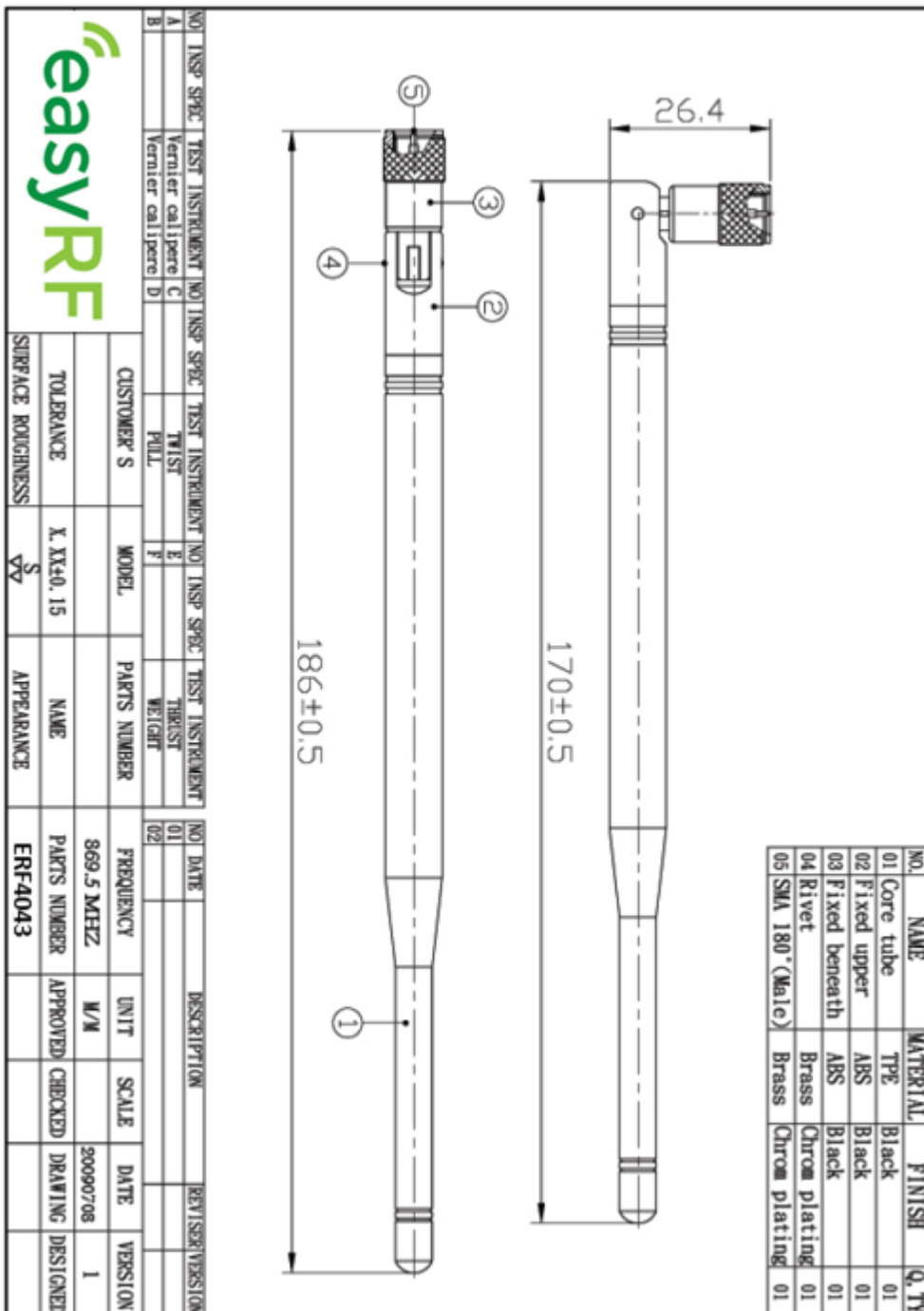
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Impedantie



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Dimensions



NO INSP SPEC		TEST INSTRUMENT		NO INSP SPEC		TEST INSTRUMENT		NO INSP SPEC		TEST INSTRUMENT	
A	Vernier calipere	C	TRUST	E		F					
B	Vernier calipere	D	PULL								
CUSTOMER S		MODEL		PARTS NUMBER		THURST WEIGHT		NO DATE		DESCRIPTION	
TOLERANCE		X.XX±0.15		NAME		PARTS NUMBER		869.5 MHz		UNIT M/M	
SURFACE ROUGHNESS		S		APPEARANCE		ERF4043		FREQUENCY		SCALE	
								20090708		DATE	
								1		VERSION	
										DRAWING DESTIGNED	

ERF4043, 868 MHz antenna, SMA Male connector

Different type of SMA connectors



SMA Male



SMA Female



RP-SMA Male



RP-SMA Female

The ERF4043 antenna uses the SMA Male connector.

About easyRF

easyRF is supplier and manufacturer of wireless communication solutions with an easy-to-use approach, targeting different applications and markets. The products are standard off-the-shelf products, but customization of the products is possible.

easyRF is successful in the a wide range of markets, such as: industrial, agriculture, security, building automation

Ordering information

Please check www.easyrf.eu for distributors in your area or contact us at info@easyrf.eu for more information. Other frequencies are available on request.

Technical support

For all product questions please contact us via info@easyrf.eu