

Antenna, Whip

ERF4006

Description

The ERF4006 Antenna is a black 868 MHz antenna with an U.FL connector and a COAX cable attached. The ERF4006 can also be used for applications in the frequency band of 2,0 GHz to 2,6 GHz. The antenna can be used for applications, such as GSM, Bluetooth, WiFi, Zigbee, IoT and LTE.



Technology

- GSM
- Bluetooth
- WiFi
- Zigbee
- IoT
- LTE

Features

Electrical Properties	Description		
Frequency marker	Frequency band MHz	Return loss dB	V.S.W.R.
1	800	-4.4	< 4.0
2	868	-24.0	< 1.1
3	900	-9.4	< 2.0
4	915	-7.2	< 2.5
5	1.800	-8.0	< 2.3
6	1.900	-6.5	< 2.8
7	2.100	-12.5	< 1.6
8	2.400	-6.0	< 3.0
9	2.600	-16.0	< 17.4
Nominal Impedance	50 Ω		
Polarization	Linear, Vertical		

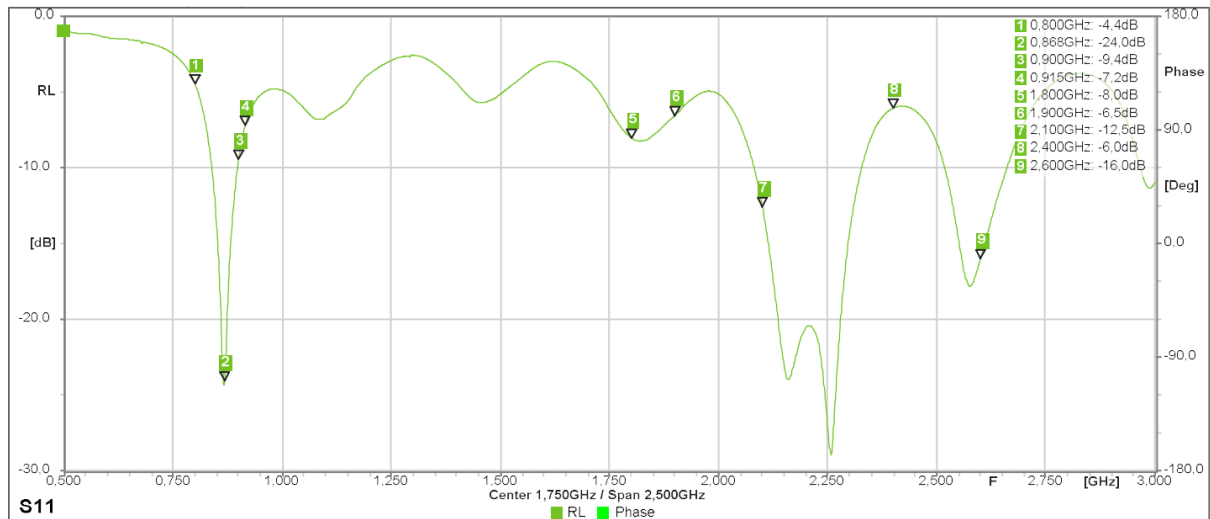
Antenna, Whip

ERF4006

Mechanical Properties	Description
Antenna	External Antenna
Mounting	Bulk Head
Dimensions	55.9 mm ±2
Color	Black
Cable type	100 mm ± 2 mm
Cable length	xx
Connector	u.FL
Operating Temperature	-20°C~+60°C
Storage Temperature	-30°C~+70°C

Antenna Properties

Return Loss

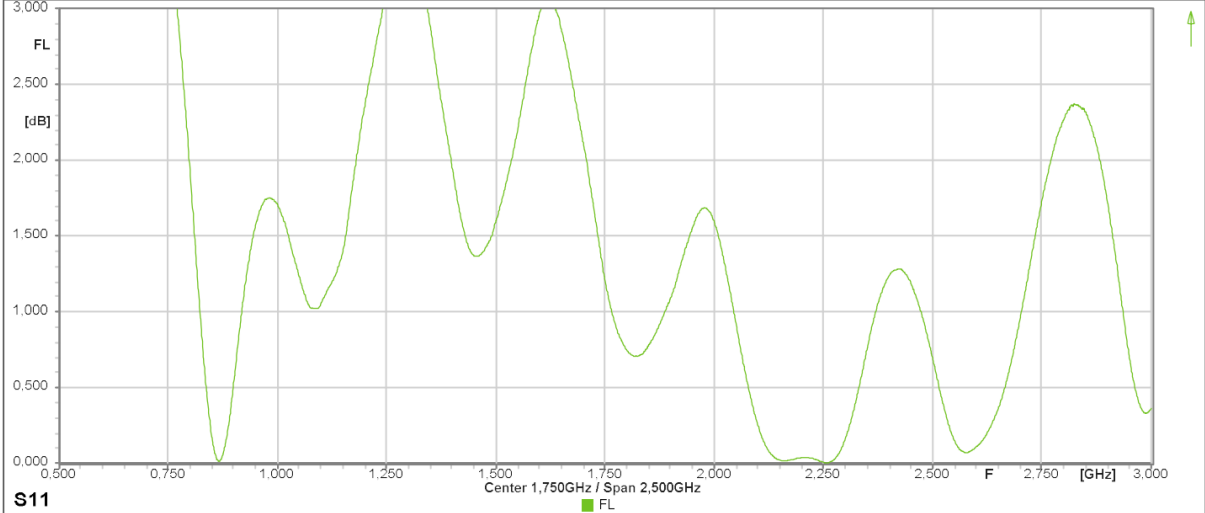


Antenna, Whip

ERF4006



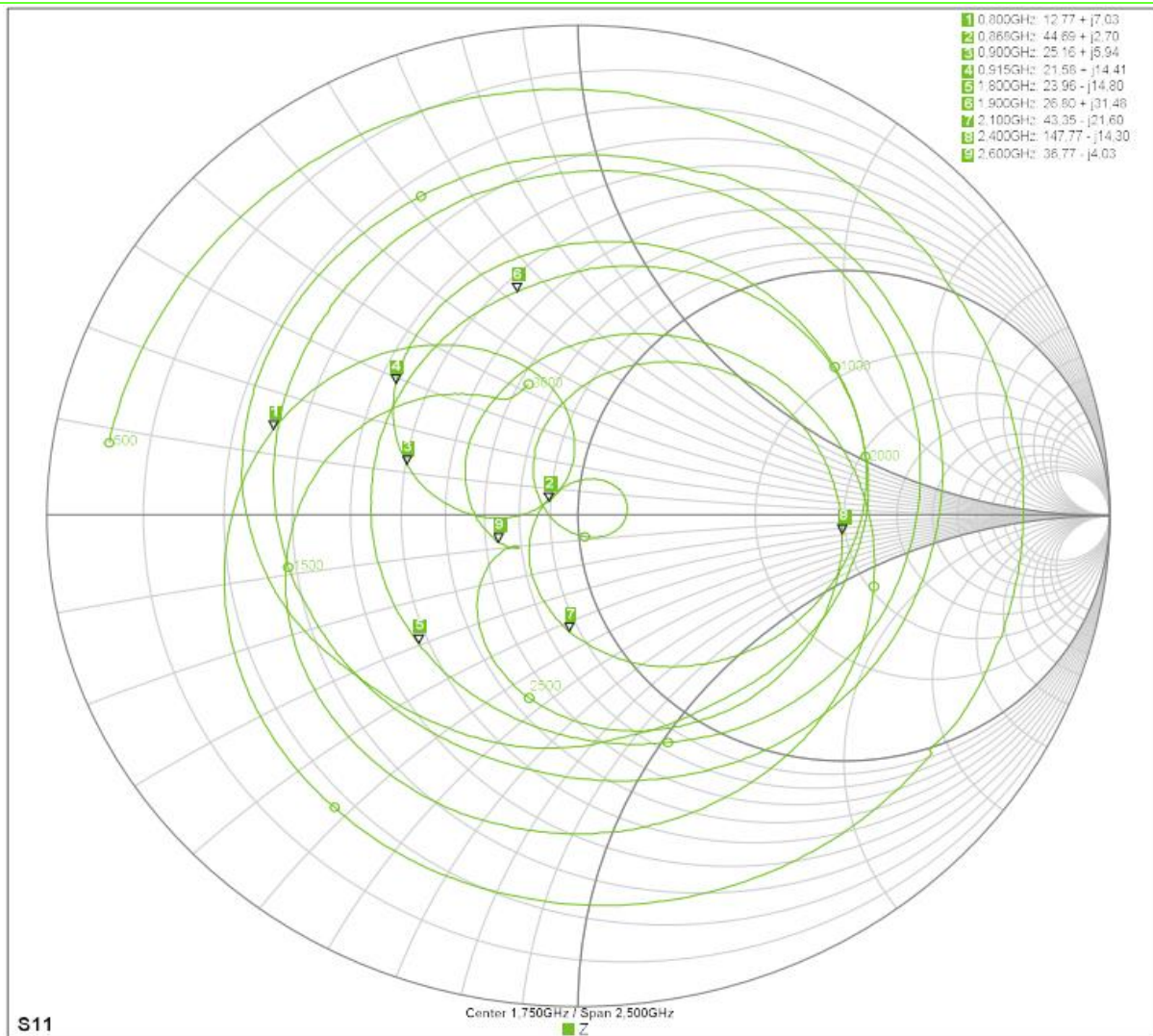
Forward Loss



Impedance

Antenna, Whip

ERF4006

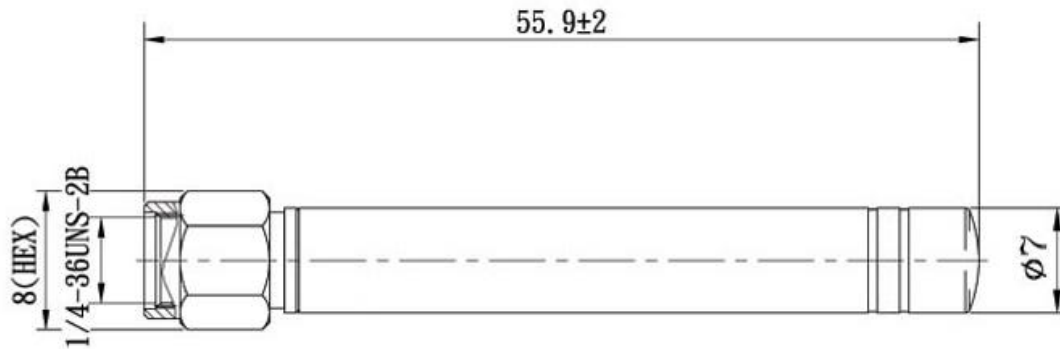


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Dimensions

*Unit: mm , image only for reference, the antenne uses an U.FL connector



Connector

The ERF4006 antenna uses a 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

Document revision

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