

ERF4003, 433MHz antenna, SMA-M connector

Features

Electrical Properties Parameter:	Description
Frequency Band:	400 ~ 450 MHz
Nominal Impedance:	50 Ω
Polarization:	Vertical
V.S.W.R:	2



Mechanical Properties

Parameter:	Description
Antenna Type:	External antenna
Connector Type:	SMA Male
Antenna Dimensions:	79 ± 3 mm
Antenna Color:	Black
Operating Temperature Range:	-20°C~+60°C
Storage Temperature Range:	-30°C~+70°C

Typical applications

- M2M
- LoRa
- Sigfox
- LTE-M
- NB-IOT

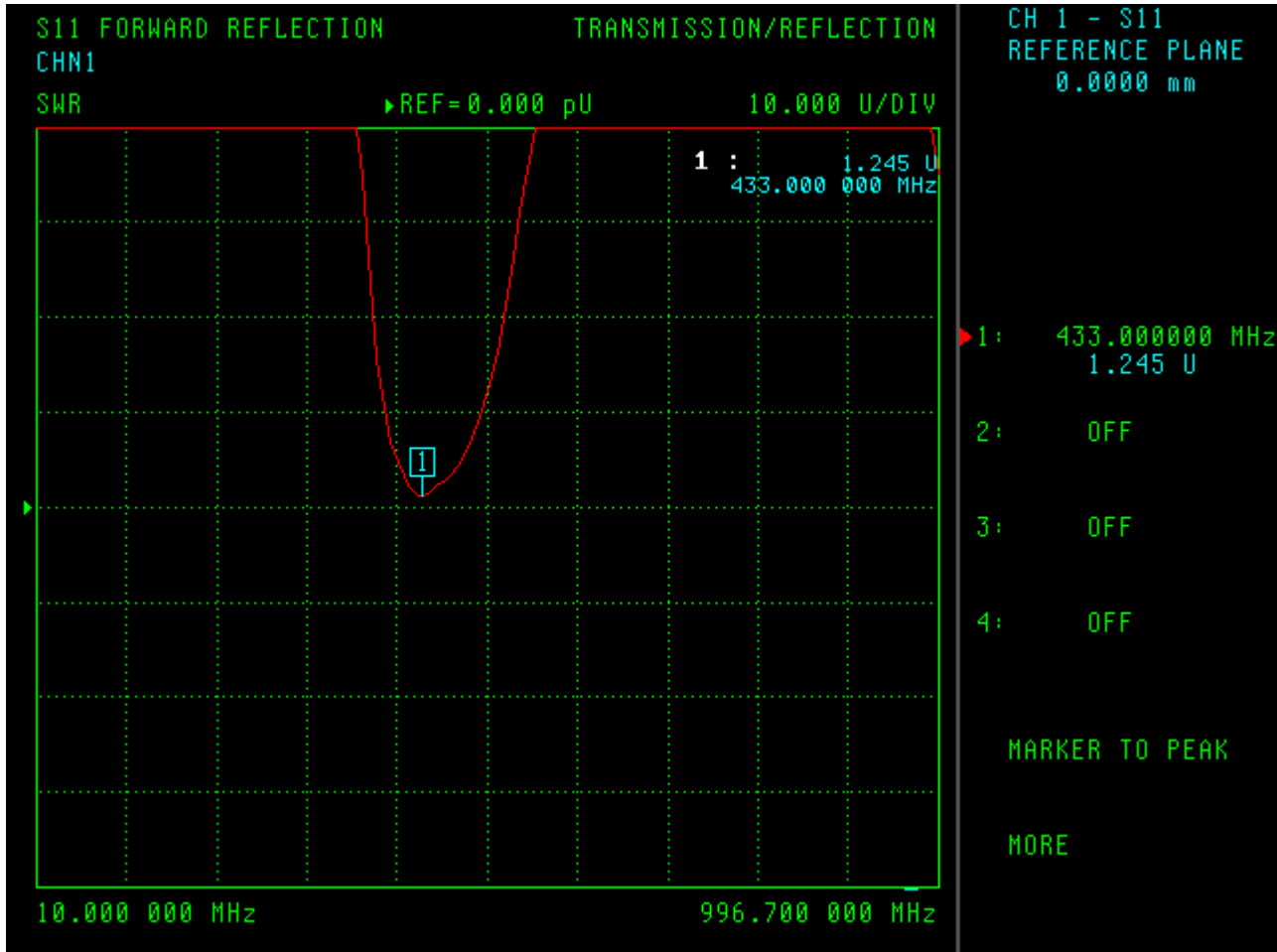
Description

The ERF4003 antenna is an external 433MHz antenna with a SMA male connector. The antenna can be used in the frequency range of 400 ~ 450 MHz. Some suitable application could be: Unlicensed M2M communication at 433MHz, LoRa, LTE-M and NB-IoT at LTE Band 31 .



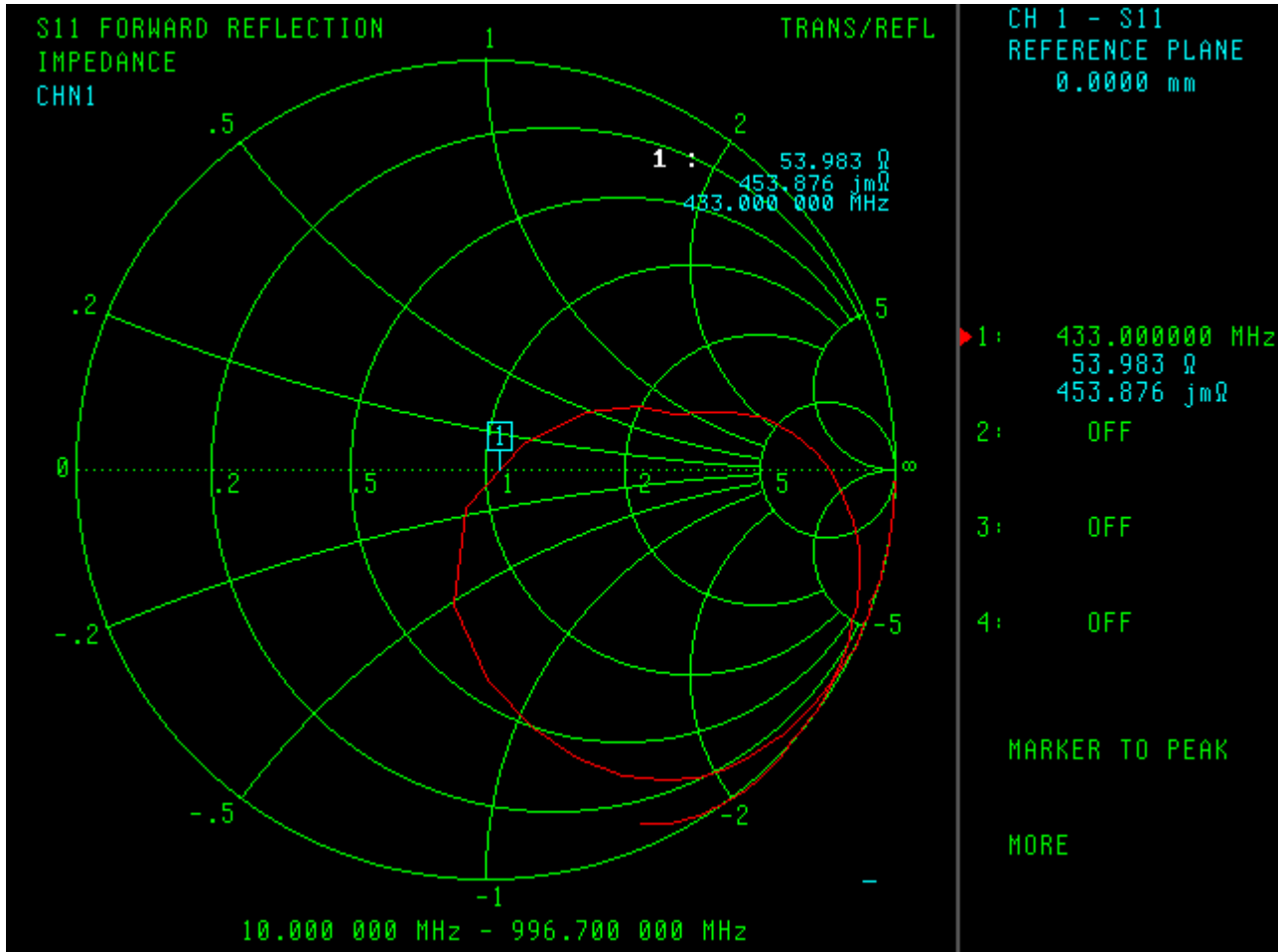
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Forward Loss



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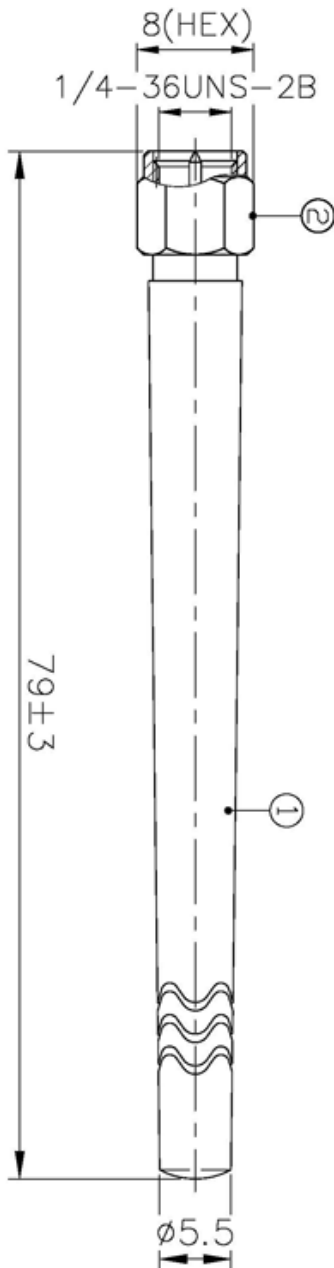
Impedance



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Dimensions

*unit mm



NO.	NAME	FINISH	Q, TY
01	Core tube	Black	01
02	SMA 180° (Male)	Nickel plating	01

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Connector**SMA Male****SMA Female****RP-SMA Male****RP-SMA Female**

The ERF4003 uses a SMA-M 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