

# Antenna, WiFi dual band

## ERF4137

### Description

The ERF4137 is a dual band WiFi antenna with an MHF connector. The antenna can be used for applications such as, M2M and WiFi.



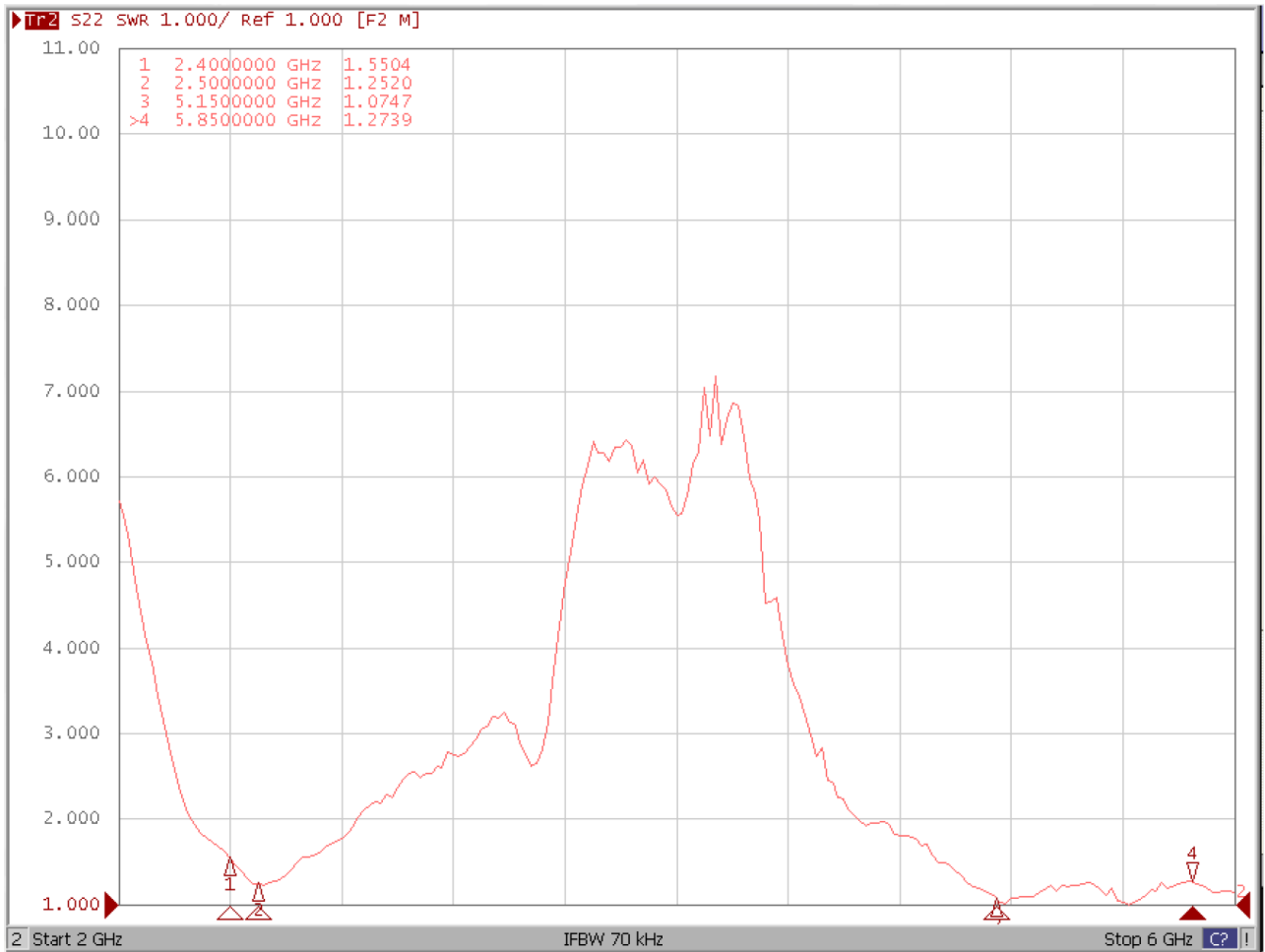
### Features

Electrical Properties	Description		
Frequency marker	Frequency band MHz	Return loss dB	V.S.W.R.
1	2.400	-13,3	< 1.55
2	2.500	-19,1	< 1.25
3	5.000	-29,4	< 1.07
4	5.800	-18,5	< 1.27
Nominal Impedance	50 $\Omega$		
Peak Gain	4dBi		
VSWR	<2.0		
Efficiency	89%		

Mechanical Properties	Description
Antenna	Internal FPC Antenna
Connector	MHF
Cable Length	10 cm $\pm$ 0.5
Dimensions	16.5 * 66.5 * 0.8 mm (D x W x H)
Operating Temperature	-40°C~+85°C
Storage Temperature	-40°C~+85°C

## Antenna Properties

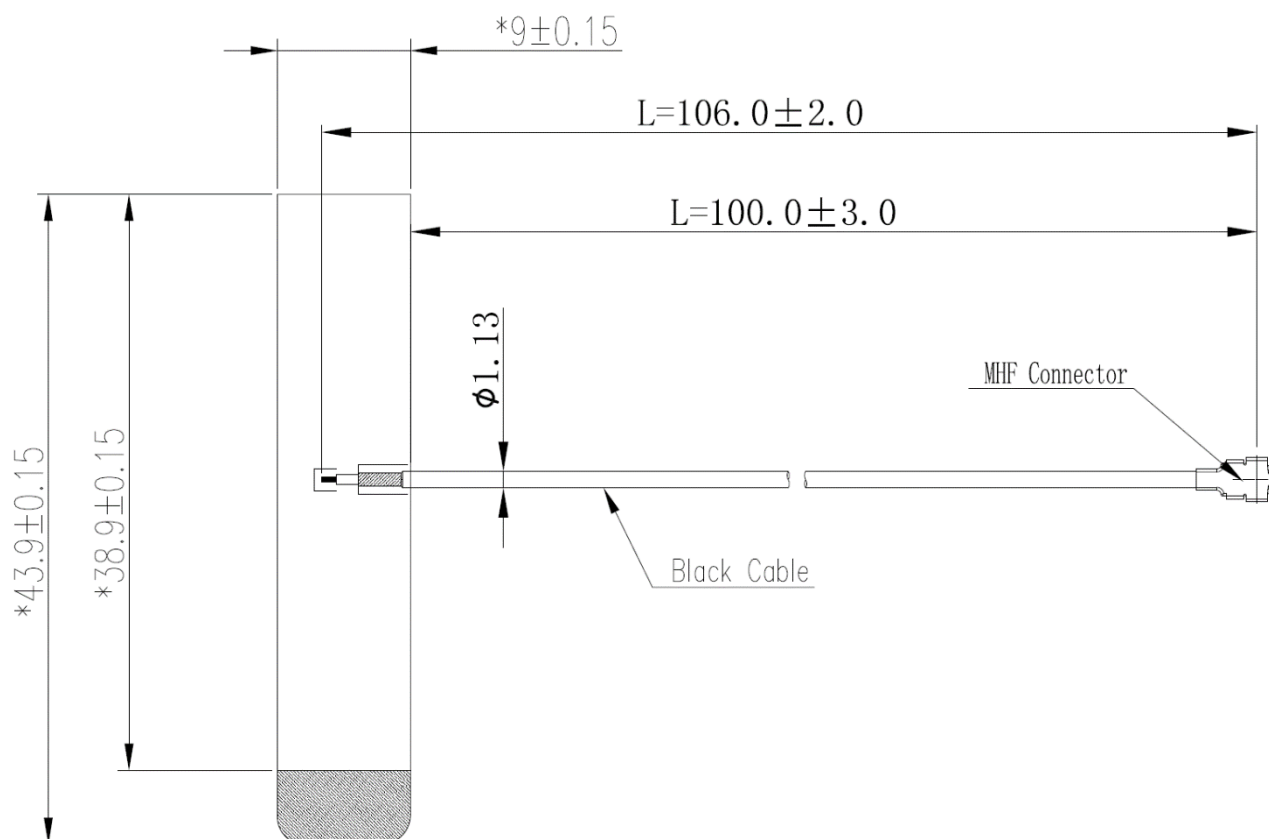
VSWR



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### Dimensions



### Connector

The ERF4052 antenna uses an U.FL connector.

### Ordering information

Ordering can be done via [www.summit-electronics.com](http://www.summit-electronics.com) or via [info@summit-electronics.com](mailto: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](mailto:info@summit-electronics.com)

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## Document revision

Rev	Date	changes
V01.00	06-04-2024	First issue of document