

FLEXI-BNC90-433

Features

- 1/4 Wavelength Whip Antenna
- Rugged Flexible Plastic Finish.
- Available as BNC, SMA-Plug, M4 Screw Fixing
- Omni-Directional Design
- 50ohm Impedance
- Operating Temp -30 to +60°C
- Insulation resistance 500MΩ @500Vdc



Applications

- General Low Power Radio
- M2M Applications
- Telemetry

Description

A rugged 1/4 length wave length antenna for 433MHz applications. This ready to operate antenna requires no tuning and provides optimum range and reliability to your application.

Ordering Information

Part No	Description
FLEXI-BNC90-433	1/4 Wave, 433MHz, BNC 90 degree Connector

FLEXI-BNC90-433

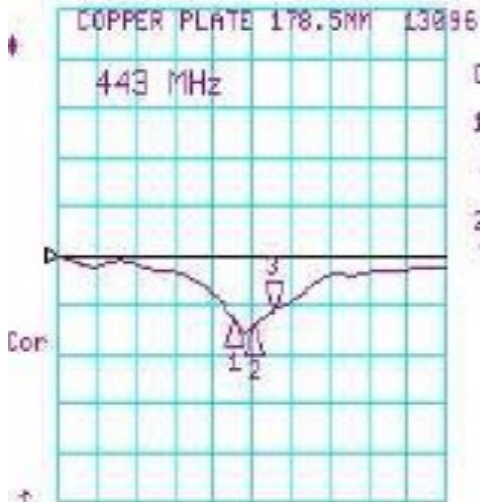


Performance / VSWR Plot

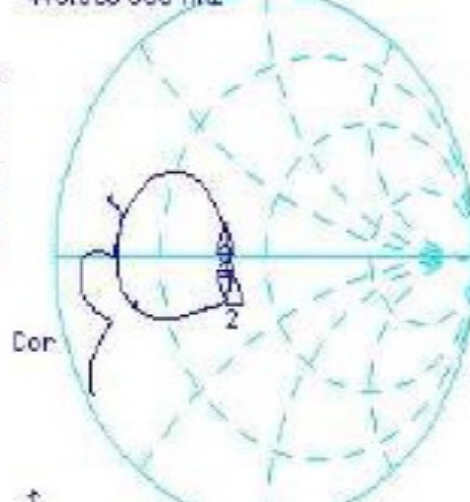
12 Mar 2009 14:21:49

CH1 LOG 10 dB/ REF 0 dB
S11 3=-11.462 dB 443.000 000 MHz

CH2 S11 1 U FS
S: 31.276 Ω -11.429 Ω 31.435 pF
443.000 000 MHz



CH1 Markers
1: -12.536 dB
423.000 MHz
2: -14.748 dB
433.000 MHz

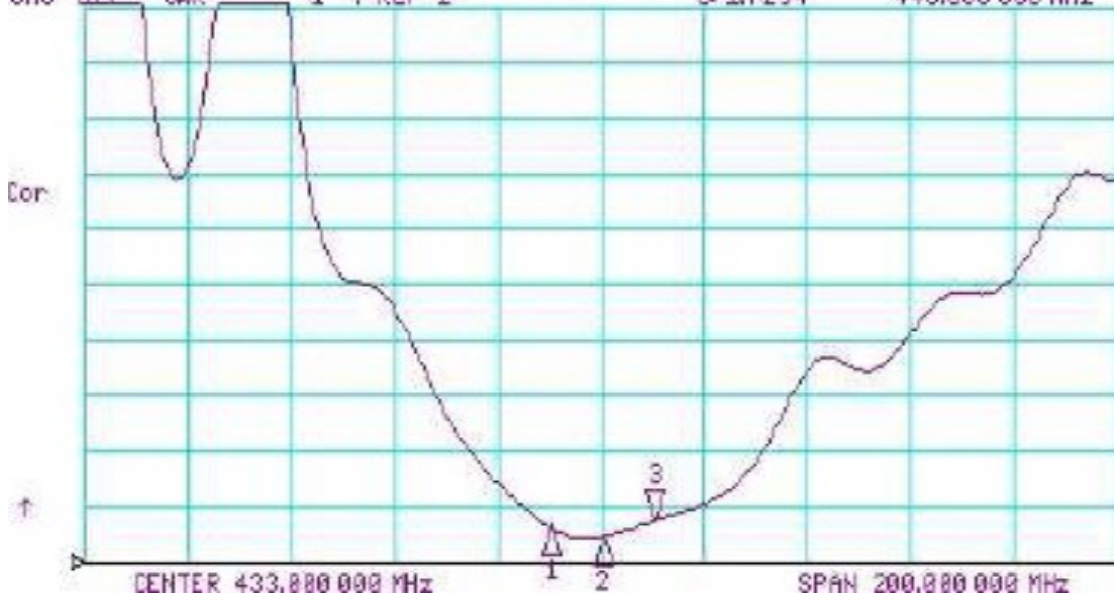


CH2 Markers
1: 32.285 Ω
8.2188 Ω
423.000 MHz
2: 35.305 Ω
-5.3738 Ω
433.000 MHz

CENTR 433.000 MHz SPAN 200.000 MHz

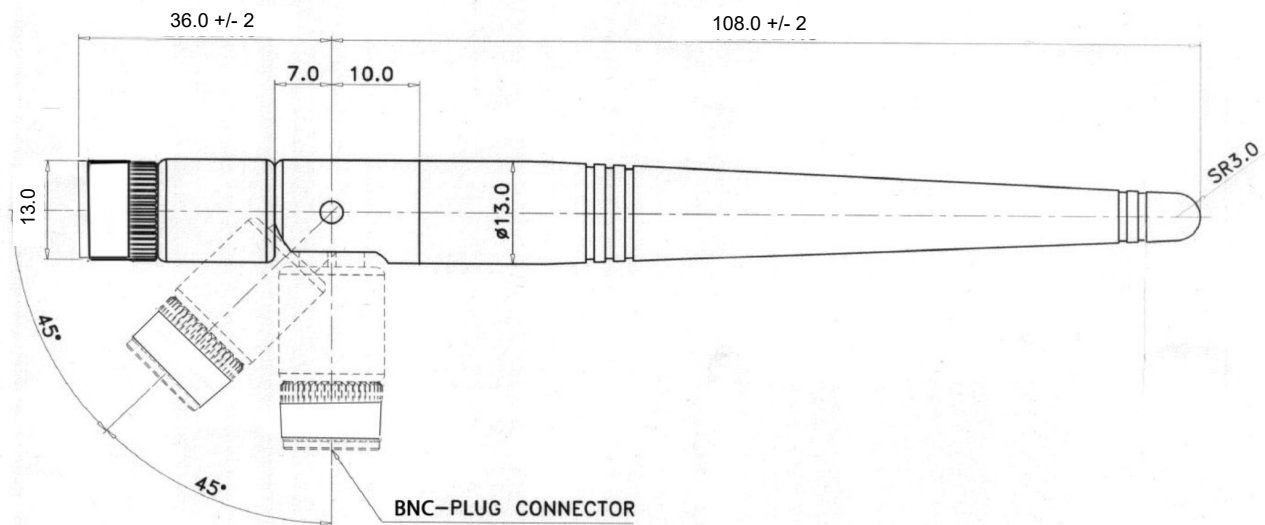
START 333.000 MHz STOP 533.000 MHz

CH3 S11 SWR 1 / REF 1 S: 1.7294 443.000 000 MHz



CH3 Markers
1: 1.6183
423.000 MHz
2: 1.4481
433.000 MHz

Mechanical Dimensions



RF Solutions Ltd. Recycling Notice

Meets the following EC Directives:

DO NOT

Discard with normal waste, please recycle.

ROHS Directive 2002/95/EC

Specifies certain limits for hazardous substances.

WEEE Directive 2002/96/EC

Waste electrical & electronic equipment. This product must be disposed of through a licensed WEEE collection point. RF Solutions Ltd., fulfills its WEEE obligations by membership of an approved compliance scheme.

Whilst the information in this document is believed to be correct at the time of issue, RF Solutions Ltd does not accept any liability whatsoever for its accuracy, adequacy or completeness. No express or implied warranty or representation is given relating to the information contained in this document. RF Solutions Ltd reserves the right to make changes and improvements to the product(s) described herein without notice. Buyers and other users should determine for themselves the suitability of any such information or products for their own particular requirements or specification(s). RF Solutions Ltd shall not be liable for any loss or damage caused as a result of user's own determination of how to deploy or use RF Solutions Ltd's products. Use of RF Solutions Ltd products or components in life support and/or safety applications is not authorised except with express written approval. No licences are created, implicitly or otherwise, under any of RF Solutions Ltd's intellectual property rights. Liability for loss or damage resulting or caused by reliance on the information contained herein or from the use of the product (including liability resulting from negligence or where RF Solutions Ltd was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict RF Solutions Ltd's liability for death or personal injury resulting from its negligence.