

ANT S.r.l.

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DESCRIPTION

Magnetic base multiband antenna
suitable for applications
868/915MHz (LoRa, LoRaWAN, Sigfox, ISM),
GSM-GPRS 900/1800MHz, 3G-UMTS 2100MHz,
4G-LTE / 5G (Bands 1, 2, 3, 5, 7, 8, 20, 77, 78).

**Salbora****P/N: B01-010****ELECTRICAL DATA**

Frequency range (V.S.W.R. < 2 : 1):	790-960 / 1710-3800 MHz
Impedance:	50 Ω
V.S.W.R. 790-850 MHz:	< 2.3 : 1
V.S.W.R. 868/915 MHz:	< 2 : 1
V.S.W.R. 900-1800-2100 MHz:	< 2.3 : 1
V.S.W.R. 2600-3800 MHz:	< 2 : 1
Max power:	10 W
Polarisation:	Linear
Radiation:	Omnidirectional
Gain 790-850 MHz:	0 dBi
Gain 868/915 MHz:	max 2.0 dBi
Gain 900-1800-2100 MHz:	max 2.0 dBi
Gain 2600-3800 MHz:	max 3.0 dBi

MECHANICAL DATA

Dimensions (approx):	Ø35x105 mm
Connection:	SMA plug (other on request)
Cable:	RG174, 3m (other on request)
Weight:	0.050 kg
Operating temperature range:	-30° / +80°C
Radome material:	Thermoplastic elastomer
Radiating element material:	Copper



Protection against oxidation: the antenna is designed to be able to withstand the worst climatic conditions and so that the oxidation of its parts is prevented: the plastic parts are made of raw materials resistant to external environmental agents.

Protection against accidental hits: The antenna is designed making sure persons are protected from accidental hits against its projecting parts: the whip is covered in flexible material.

RoHS Directive: The antenna complies with the RoHS Directive and its subsequent.

MOUNTING INSTRUCTIONS

Please install the antenna on a metal surface and connect it to a SMA socket connector.

WARNING:

For a correct installation, please place the antenna so that it is as apart as possible from any metallic object and so that it is placed in the centre of the ground plane.
(The antenna requires a proper ground plane to achieve the stated performances).

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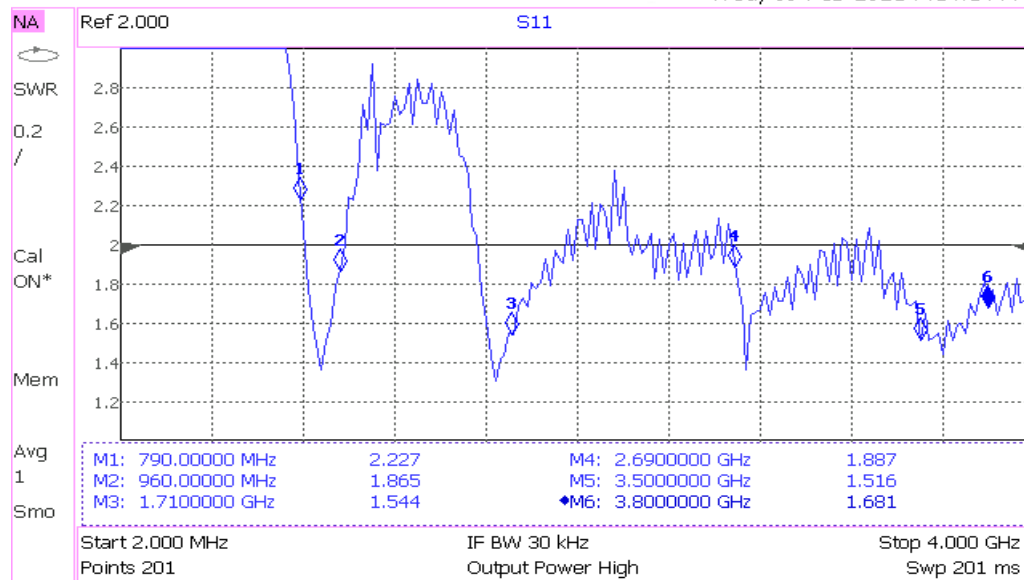
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(mesurement with antenna on 1x1m ground plane, with 3m cable)

Keysight Technologies
ANTSRL.EU

Wed, 09 Feb 2021 7:14:14 PM

**ITS NAME:**

Salbora: Typically blowing in Campania (Italy), strong north wind of Salerno.

ANT S.r.l. si riserva di apportare modifiche e miglioramenti in qualsiasi momento senza obbligo di preavviso
ANT S.r.l. reserves the right to change or improve this documentation at all times and without notice.

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