


<b>ANT S.r.l.</b> Via della Concordia, 4 – 37036 S. Martino B/A (VR) - Italia Tel. +39 045 8781380 Fax +39 045 8795335 e-mail: <a href="mailto:commerciale@antsrl.eu">commerciale@antsrl.eu</a> <a href="http://www.antsrl.eu">www.antsrl.eu</a>	<b>DESCRIPTION</b>	
	<b>GPS - GNSS - GALILEO antenna</b> with magnetic base (adhesive optional)	

**C00-000 GPS**

**P/N: C00-000**

**ELECTRICAL DATA (GPS)**

Frequency band:	GPS (1575.42 MHz) GLONASS (1602 MHz) GALILEO (1575.42 MHz)
Frequency band (> -10 dB)	1575.42±5 MHz
Gain (Zenith)	2.5 dBi typical at 1575.42 MHz 1.9 dBi typical at 1602 MHz
Polarisation:	R.H.C.P
Impedance:	50 Ω
<b>LNA Performances</b>	
Gain:	>30 dB typical
Noise factor:	about 1.7dB typ. at 1575.42MHz about 2.1dB typ. at 1602 MHz
V.S.W.R. (out)	2.5:1 typ.
Power:	3V - 15 mA / 5.0V - 22 mA

**MECHANICAL DATA**

Dimensions (about):	34x38x12.5 mm
Connection:	SMA plug (other on request)
Cable:	RG174, 3 m (other on request)
Operating temperature range:	-40° / +80°
Weight (about):	0.100 kg
Fixing:	Magnetic or adhesive
External cover material:	ABS



**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.

**RoHS/2 Directive:** the antenna is RoHS/2 compliant

**CE:** the antenna complies with

- EN 50371: 2002
- EN 301 489:1 V1.8.1
- EN 301 489:3 V1.4.1
- EN 300 440:1 V1.6.1
- EN 300 440:2 V1.4.1

**IP Grade:** IP67

**MOUNTING INSTRUCTIONS**

Please make sure the antenna is positioned on a plain area before connecting the GPS device.

**WARNING:**

To enable the antenna to work properly please clean the area of installation carefully before positioning the antenna.