

### GPS / GSM combo antenna

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- **GPS Active Antenna**
- **27dB Gain**
- **GSM/GPRS antenna**
- **900/1800 MHz  
(800/1900)**
- **Sticky tape mounting**



ADA-0112 is a combined active GPS and GSM/GPRS antenna.

The GPS part is an active antenna with 27 dB gain.

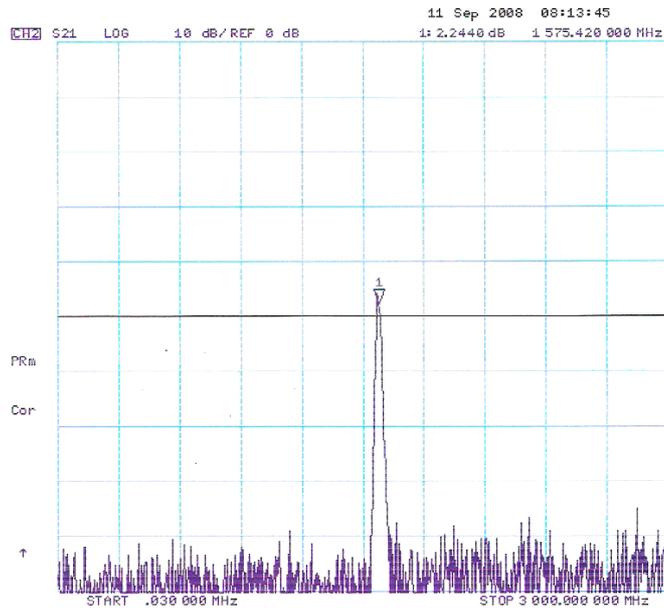
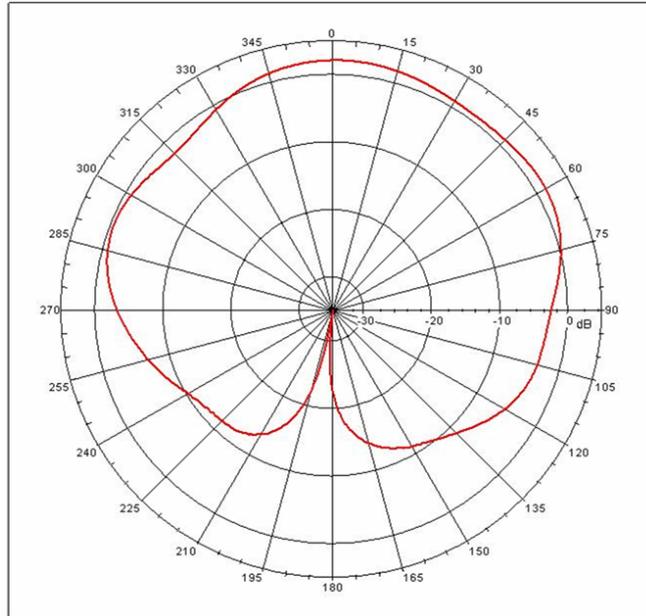
The GSM part is a dual frequency band antenna.

ADA-0112 is delivered with a sticky tape for mounting, and is complete with cables and connectors.

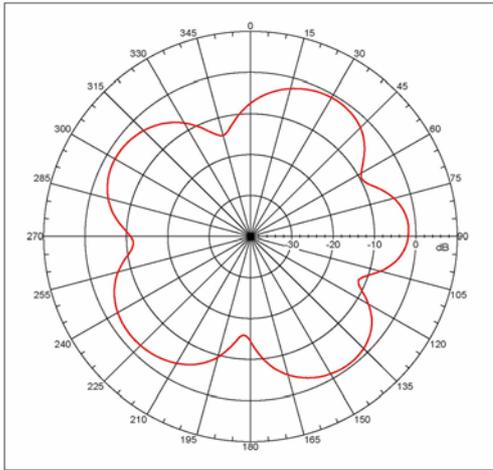
## Specification

Category	GPS
Frequency	1575.42 MHz
Polarization	R.H.C.P.
Power Gain	Typ. 32 dB
Noise figure	Max 1.8 @ +30 °C
Attenuation	Min. 20 dB @ Fo ± 50 MHz
Bandwidth	2.2 MHz
Output Impedance	50 Ω
VSWR	Max 2.0:1
Supply Voltage /Current	2.5 – 5.5 VDC / 10-25 mA
RF Cable	Standard 3 m RG174/U with standard connector
	GSM
Frequency	900 MHz / 1800 MHz (800/1900)
Polarization	Vertical
Gain	2.5 dBi
Impedance	50 Ω
VSWR	1.5 : 1
Power	10 W
RF Cable	Standard 3 m RG174/U with standard connector
	Overall Performance
GPS part size	59.8 x 16 mm
GSM part length	110 mm (option available)
Mounting	Sticky tape
Operating temperature	-40 — +80 ° C
Storage temperature	-40 — +90 ° C

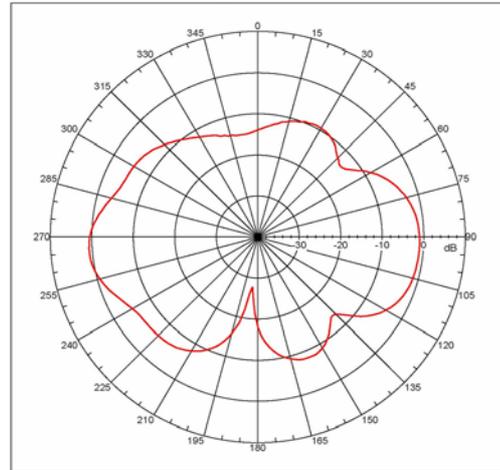
# 1575 MHz



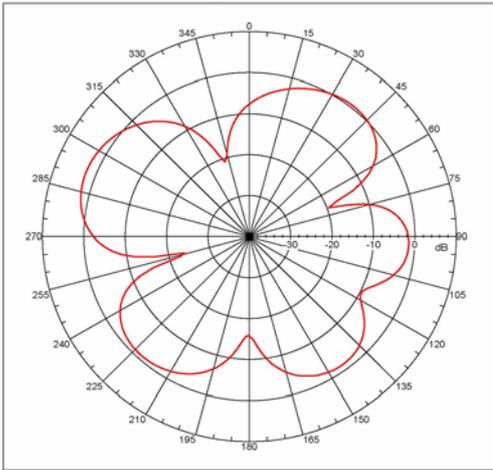
880 MHz



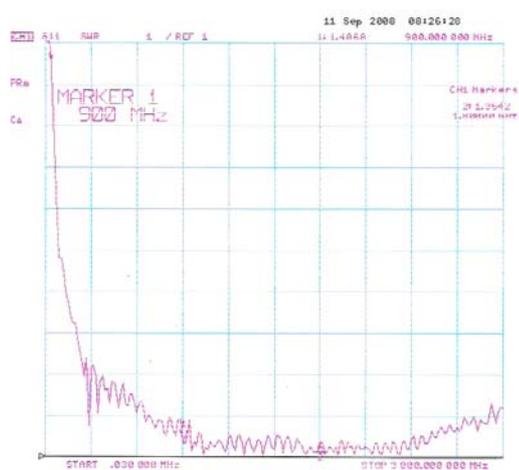
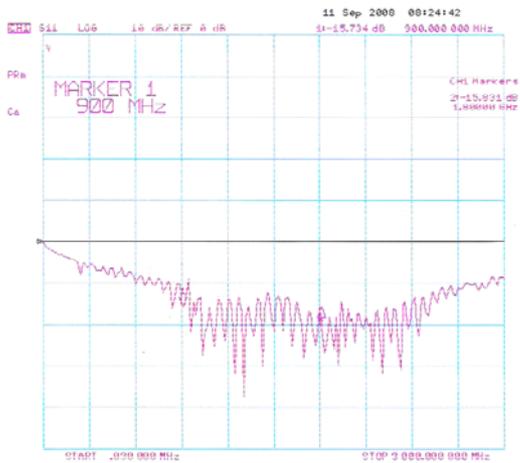
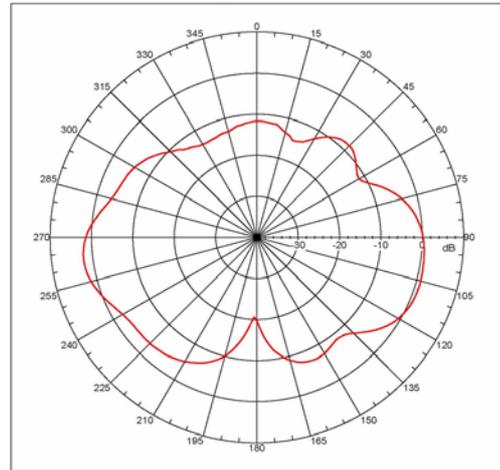
1710 MHz

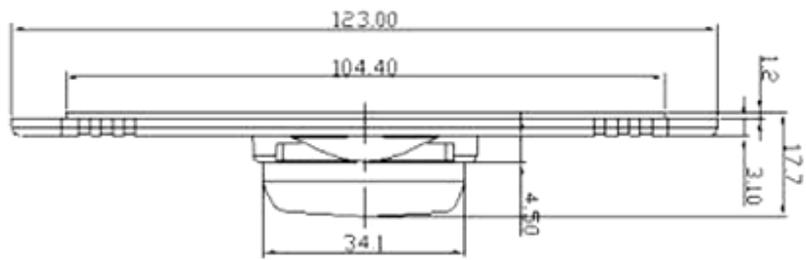
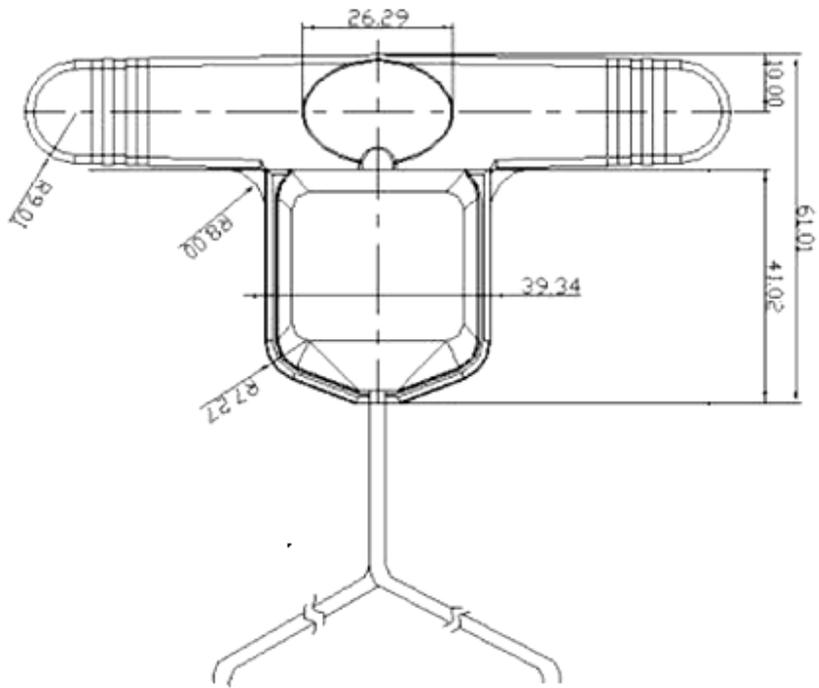


960 MHz



1800 MHz





## Ordering codes

TYPE	Description	Comment
ADA-0112	Standard cable length	GPS/GSM combo antenna

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