



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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### Key Features

- 2dB gain
- Small size
- Highly sensitive
- Includes mount bracket
- RoHS compliant

### General Description

The Siretta body mount GSM/GPRS antenna is built using a toughened yet discrete looking plastic enclosure covering a 900 & 1800MHz tuned  $\frac{1}{4}$  wave dipole. Its metal groundplane is fitted with a through hole mount threaded nut, ensuring a secure fit whilst the rubber seal is tough enough to withstand industrial washers on mobile applications such as trucks or buses.

Its design is suited to enclosures fitted with a GSM/GPRS module or terminal but requiring a low profile antenna solution such as utility owned street furniture, steel manufactured access control panels or for high roofed commercial vehicles.

Measuring just 95mm by 42mm and with a height of only 17mm, our standard version is supplied with various cable and connector configurations listed in the table overpage.

### Additional Considerations

- Allows high performance in fringe coverage areas
- 147mm x 170mm (excluding cable)
- SWR rating of  $<2.0:1$
- Multi secured, high mount, ensures simple installation
- Meets all EU compliance criteria for electronic goods

Rev 1.1

### Key Specifications - Electrical

Temperature range:	-40 to +85°C
Impedance:	50 ohm
Gain:	2dBi
VSWR:	<1.5:1
Voltage and supply current:	Passive
Frequency range:	GSM & GPRS - 900, 1800MHz
Polarization:	Vertical
Radiating element:	Dipole

### Key Specifications - Mechanical

Dimensions:	95mm x 42mm x 17mm
Drill hole diameter:	17mm
Max panel thickness:	10mm
Cable:	1 metre RG174
Connector:	SMA, FME, MMCX

### Ordering Details

Part Number	Description
TANGO1/0.1M/SMAM/S/S/4	Vandal Resistant GSM/GPRS Antenna, 100m Cable, SMA Male Connector
TANGO1/1M/SMAM/S/S/4	Vandal Resistant GSM/GPRS Antenna, 1m Cable, SMA Male Connector
TANGO1/2.5M/SMAM/S/S/4	Vandal Resistant GSM/GPRS Antenna, 2.5m Cable, SMA Male Connector
TANGO1/5M/SMAM/S/S/4	Vandal Resistant GSM/GPRS Antenna, 5m Cable, SMA Male Connector
TANGO1/0.1M/FMEF/S/S/4	Vandal Resistant GSM/GPRS Antenna, 100m Cable, FME Female Connector
TANGO1/1M/FMEF/S/S/4	Vandal Resistant GSM/GPRS Antenna, 1m Cable, FME Female Connector
TANGO1/1M/MMCX/S/RA/4	Vandal Resistant GSM/GPRS Antenna, 1m Cable, MMCX Male Right Angle Connector