



### 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/MMCXM/S/RA/4	Vandal Resistant GSM/GPRS Antenna, 1m Cable, MMCX Male Right Angle Connector

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