



## Tango 1

GSM/GPRS Low Profile Antenna

### Key Features

- 2dBi peak gain
- Compact size
- Rugged design



### General Description

The Tango 1 body mount GSM/GPRS antenna is a 900 & 1800MHz tuned  $\frac{1}{4}$  wave dipole. Its metal ground plane 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.

Alternative connectors and cable lengths may be specified for volume orders.

### Additional Considerations

- Robust for goods vehicle or PSV category
- Good for utility street furniture
- Meets all EU compliance criteria for electronic goods





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### Electrical Specifications

Temperature Range:	-40 - +85°C
Impedance:	50 Ohm
Gain:	2dBi
VSWR:	<1.5:1
Voltage and supply current:	Passive
Frequency Range:	700 -900, 1700 - 2100MHz
Polarization:	Vertical
Radiating element:	Dipole

### Mechanical Specifications

Dimensions:	L95x W42 x H17mm
Drill hole diameter:	17mm
Max Panel Thickness:	10mm
Cable:	RG174
Connector:	SMA Male / FME Female

### VSWR and Return Loss 700 to 900 MHz





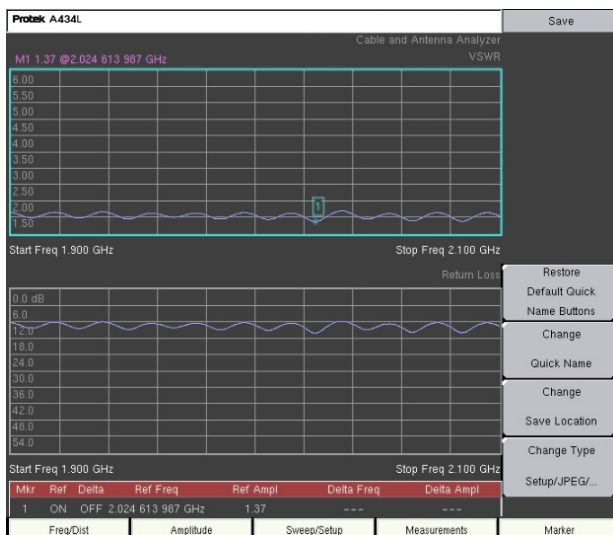
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### VSWR and Return Loss 1.7 to 1.9 GHz



### VSWR and Return Loss 1.9 to 2.1GHz



## Ordering Details

Part Number	Description
TANGO1/1M/SMAM/S/S/4	GSM/GPRS Low Profile Antenna 1M Cable SMA Male Connector
TANGO1/1M/FMEF/S/S/4	GSM/GPRS Low Profile Antenna 1M Cable FME Female Connector

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