

### Key Features

- Compact size
- Flexible connector and cable options
- Wide frequency range
- Panel mounted
- RoHS compliant



### General Description

The Siretta through hole mount whip antenna combines an efficient performance at  $\frac{1}{4}$  wave in tri band GSM & GPRS frequencies.

Ideally suited to industrial and automotive applications, it can be mounted to panels up to 4mm thick and is manufactured with an O ring seal to prevent moisture ingress once installed. The ruggedised, 2 stage whip element is overmoulded using high grade rubber ensuring years of reliable performance.

The brass foot has a ridged topside allowing secure fitting to the enclosure and a 6mm diameter screw thread for mounting the whip. A wide range of cable and connector options are available with this antenna and are listed overpage.

### Additional Considerations

- 76mm x 29mm including metal foot
- Allows easy selection and quick integration into target application (please refer to options table below)
- Works with tri band GSM / GPRS devices
- For permanent installations
- Meets all EU compliance criteria for electronic goods

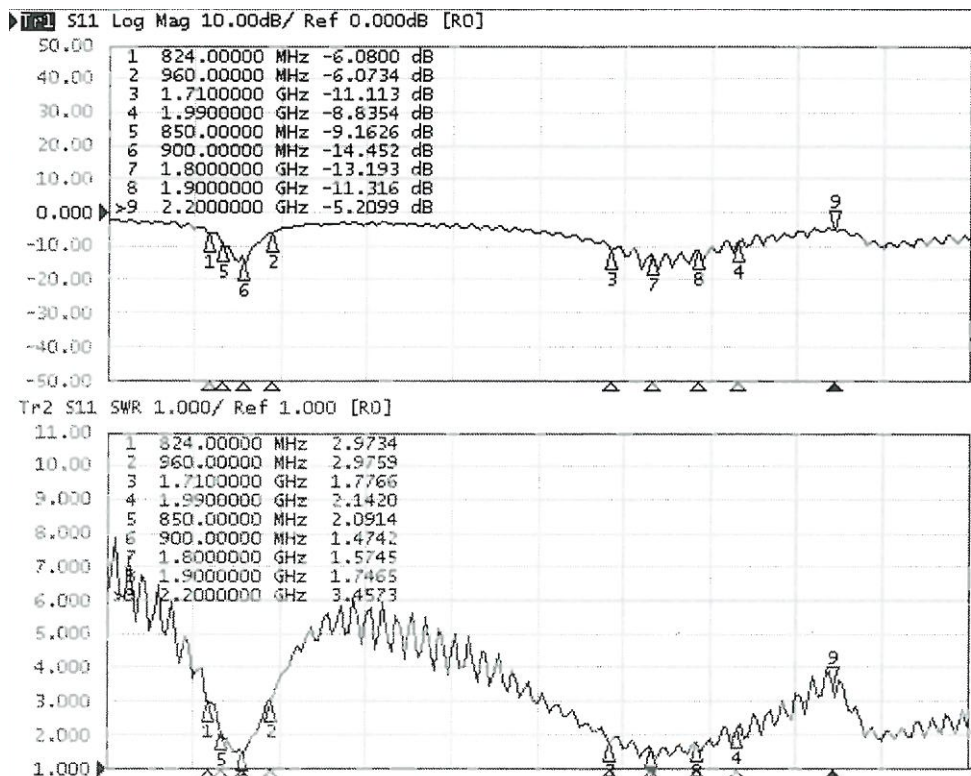
### Electrical Specifications

Temperature range:	-40 to 85°C
Impedance:	50 ohm
Gain:	Unity gain
VSWR:	<2:1
Operating frequencies:	GSM / GPRS - 900, 1800, 1900MHz
Polarization:	Vertical
Radiating element:	¼ wave dipole

### Mechanical Specifications

Dimensions:	76mm x 29mm including brass foot with rubber whip
Cable:	RG58 (For standard lengths please refer to options table below)
Connector:	Please refer to options table below
Mounting method:	Through hole mount (12mm drill hole diameter)

### Graph



## Ordering Details

Part number	Description
TANGO3/0.2M/SMAM/S/S/31	Through Hole Mount GSM / GPRS Antenna, 200mm Cable, SMA Male Connector
TANGO3/0.5M/SMAM/S/S/31	Through Hole Mount GSM / GPRS Antenna, 500mm Cable, SMA Male Connector
TANGO3/1M/SMAM/S/S/31	Through Hole Mount GSM / GPRS Antenna, 1m Cable, SMA Male Connector
TANGO3/3M/SMAM/S/S/31	Through Hole Mount GSM / GPRS Antenna, 3m Cable, SMA Male Connector
TANGO3/5M/SMAM/S/S/31	Through Hole Mount GSM / GPRS Antenna, 5m Cable, SMA Male Connector
TANGO3/0.2M/FMEF/S/S/31	Through Hole Mount GSM / GPRS Antenna, 200mm Cable, FME Female Connector
TANGO3/0.5M/FMEF/S/S/31	Through Hole Mount GSM / GPRS Antenna, 500mm Cable, FME Female Connector
TANGO3/1M/FMEF/S/S/31	Through Hole Mount GSM / GPRS Antenna, 1m Cable, FME Female Connector
TANGO3/2M/FMEF/S/S/31	Through Hole Mount GSM / GPRS Antenna, 2m Cable, FME Female Connector
TANGO3/3M/FMEF/S/S/31	Through Hole Mount GSM / GPRS Antenna, 3m Cable, FME Female Connector
TANGO3/5M/FMEF/S/S/31	Through Hole Mount GSM / GPRS Antenna, 5m Cable, FME Female Connector

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