

### Key Features

- Designed for use internally or externally
- Low profile
- High gain of 3dBi
- Mounts on glass/ metallic/ plastic surfaces
- IP67 rated
- RoHS compliant



### General Description

The Siretta Tango 11A series of puck antennas operate on the 850/900/1800/1900/2100 GSM/GPRS networks throughout Europe, Asia and Africa.

Its toughened casing and through hole mount design makes it reliable for use in harsh environments such as on board high sided vehicles or vandal prone environments. The RF cable is fed via the through hole mount base to ensure no cable is visible when fixed and the rubber 'shirt' around the base protects against water ingress.

The Tango 11A is fixed via its 22mm length screw thread and can fit onto panels of up to 13mm thickness and comes in many different RG174 cable lengths and connector configurations.

### Additional Considerations

- Can be mounted inside or outside giving widest flexibility
- Ruggedised puck style design
- Mounts to a variety of surfaces giving widest flexibility
- Meets all EU compliance criteria for electronic goods

Rev 1.2

### Key Specifications - Electrical

Temperature range:	-40 to 85°C
Humidity:	40 to 95% RH
Impedance:	50 Ohms
Gain:	3dBi
VSWR:	<1.8:1
Frequency range:	850/ 900/ 1800/ 1900/ 2100MHz
Polarization:	Linear vertical
IP67 rated:	Yes

### Gain

#### GSM

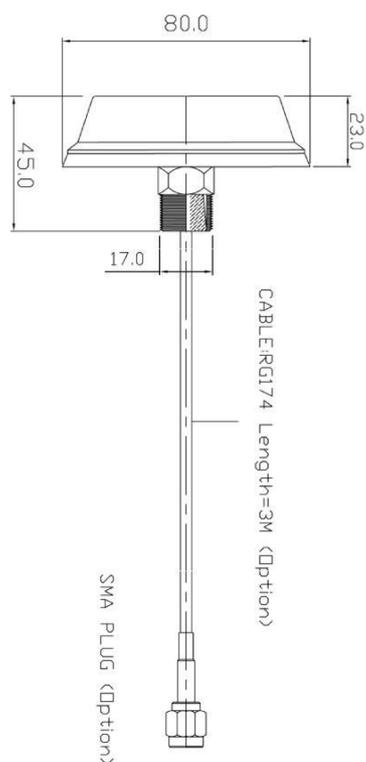
850MHz:	3.85dBi
900MHz:	0.62dBi
1800MHz:	-1.78dBi
1900MHz:	-1.18dBi

#### 3G

2100MHz:	-2.17dBi
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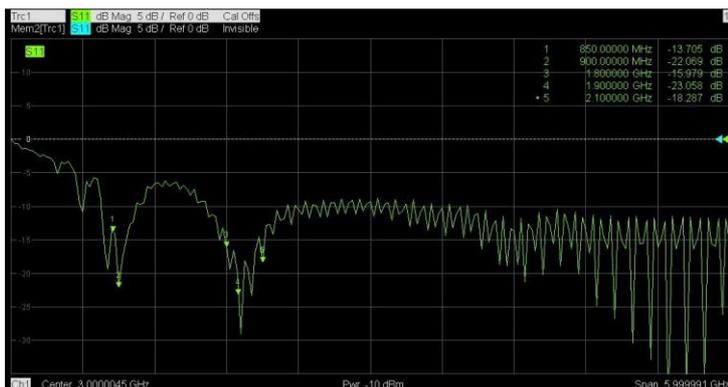
### Key Specifications - Mechanical

Dimensions:	80mm x 23mm
Cable:	RG174
Cable length:	According to customer specification
Connector:	According to customer specification

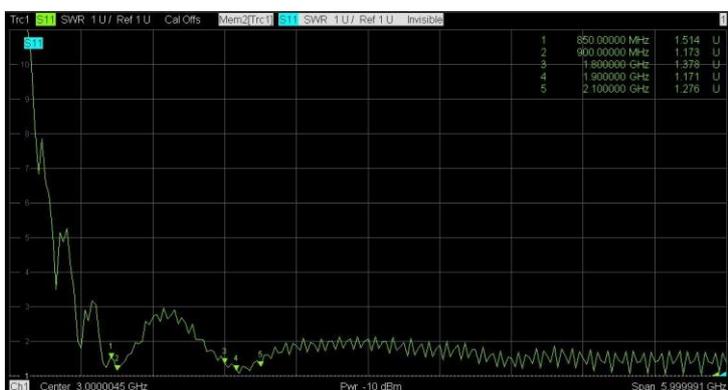


### Test Reports

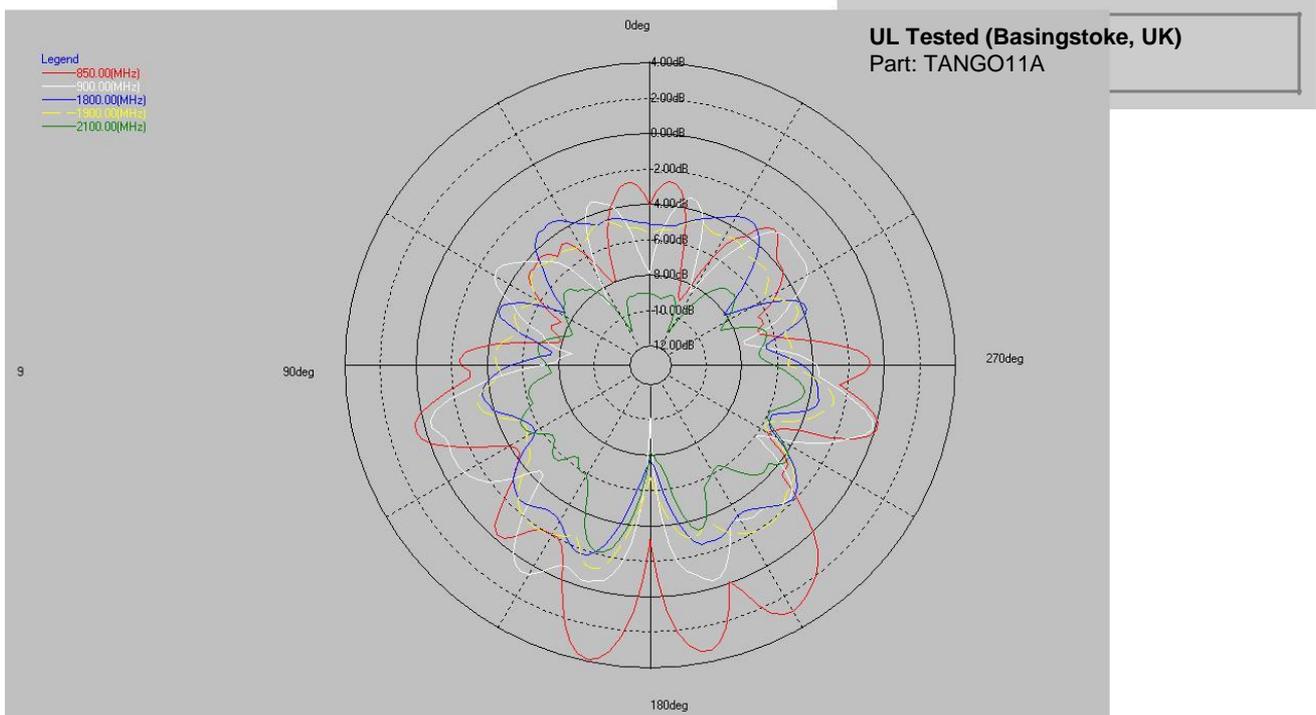
#### SWR Graph



#### VSWR Graph



### Gain vs. Frequency Graph



### Ordering Details

Part Number	Description
TANGO11A/1.5M/SMAM/S/S/19	GSM and 3G Through Hole Mount Puck Antenna, 1.5M Cable, SMA Male Connector
TANGO11A/2.5M/SMAM/S/S/19	GSM and 3G Through Hole Mount Puck Antenna, 2.5M Cable, SMA Male Connector
TANGO11A/5M/LL/SMAM/S/S/19	GSM and 3G Through Hole Mount Puck Antenna, 5M Cable, SMA Male Connector