



Key Features

- Quad band GSM/GPRS
- 3G 2100MHz
- Low profile design
- Through hole mount
- Ground plane independent
- IP67 rated
- Adhesive plate
- RoHS compliant

General Description

The Tango 27 antenna is the most compact, versatile, IP67 rated, quad band GSM/GPRS and 3G antenna. Ideal for through hole mount applications that require a high performance GSM antenna with secure mounting. It is supplied with a 2.5M cable and SMA male connector. Custom cable lengths and connector types are available for volume orders.

Additional Considerations

- Operates on global GSM/GPRS networks as well as 3G 2100MHz
- Housed in a robust ABS casing for extreme climatic and operational environments
- Very discrete design for use of high sided vehicles or telemetry equipment in unmanned locations
- For secure, permanent fixing
- Does not require additional placement on metallic surface
- Meets all EU compliance criteria for electronic goods

Rev 1.1

Electrical Specifications

Operating temperature:	-30 to +65°C
Impedance:	50 ohm
Gain:	2.16dBi
VSWR:	≤ 2.1
Power handling:	35W
Operating frequencies:	GSM: 850, 900, 1800, 1900MHz 3G: 2100MHz

Mechanical Specifications

Dimensions:	46 x 15mm (DxH)
Connector:	SMA Male
Cable:	2.5M RG174
Housing colour:	Black
Housing material:	ABS
Mounting method:	Through hole
Base:	Adhesive

Gain

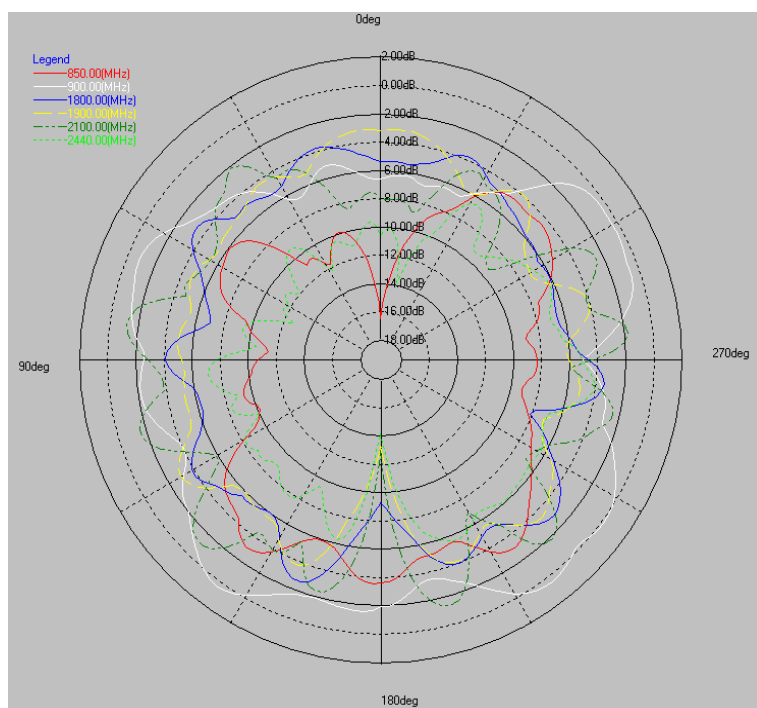
GSM

850MHz:	-0.04dBi
900MHz:	-1.84dBi
1800MHz:	-3.01dBi
1900MHz:	-5.12dBi

3G

2100MHz:	-13.72dBi
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Gain vs. Frequency Graph



UL Tested (Basingstoke, UK)
Part: TANGO27/2.5M/SMAM//S/S/17

Ordering Details

Part number	Description
TANGO27/2.5M/SMAM/S/S/17	Quad Band GSM & 3G Through Hole Mount Puck Antenna, 2.5M RG174 Cable, SMA Male Connector