

Tango 3

2G/GPRS & 3G Through Hole Antenna



Key Features

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

General Description

The Tango 3 is built with a right angled screw thread that leads the cable in a 90° orientation to the antenna. 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. Built with a rugged over-mould made from high grade rubber ensures 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 antenna. The Tango 3 can be mounted inside or outside, with its tough screw thread and durable over-mould.

The Tango 3 is tuned to tri band 2G/GPRS, & 3G/UMTS frequencies, making this antenna a very mainstream performer. Its wide operating frequency band allows for expansive cellular applications over the tri band 2G/GPRS networks and also high data transfer rates via 3G/UMTS.

Additional Considerations

- 76mm x 29mm including metal foot
- Allows easy selection and quick integration into target application (please refer to options table below)
- Meets all EU compliance criteria for electronic goods

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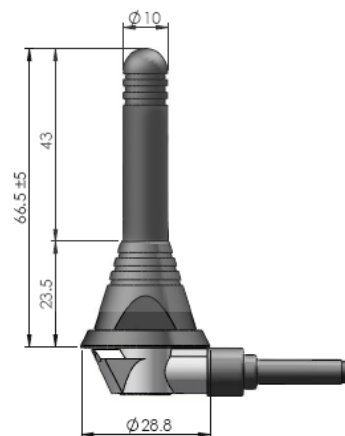
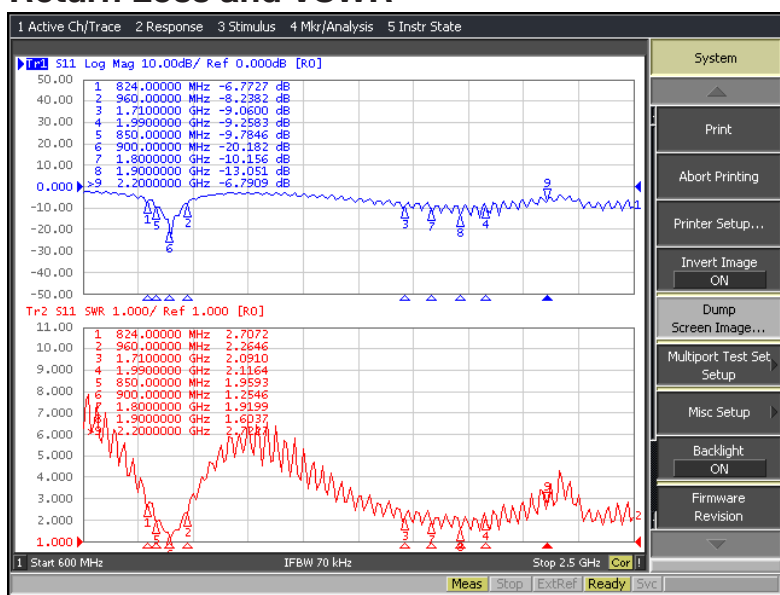
Electrical Specifications

Temperature range:	-40 to 85°C
Operating Frequencies:	869-960/1710-1990MHz
Impedance:	50 Ohm
Gain:	2.5dBi
VSWR:	<2.0
Operating frequencies:	GSM / GPRS - 900, 1800, 1900MHz 3G - 2.1GHz
Polarization:	Vertical
Radiation:	Omni directional
Max Power:	20W

Mechanical Specifications

Dimensions:	L76 x W29 x 10mm Ø
Cable:	RG58
Connector:	SMA Male
Mounting method:	Through hole

Return Loss and VSWR



Ordering Details

Part Number	Description
TANGO3/3M/SMAM/S/S/31	2G/GPRS & 3G Through Hole Antenna
TANGO3/3M/FMEF/S/S/31	2G/GPRS & 3G Through Hole Antenna

Other cables lengths available

A member of the Olancha Group Ltd

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