Siretta
Inspired Wireless M2M Technology

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Tango 47

4G/LTE and GPS Combined Panel Mount Antenna



Key Features

- 3G/4G/GPS heavy duty screw mount
- Designed for public transport

General Description

The Tango 47 antenna is the perfect answer for any kind of on-the-move vehicle to be able to access GPS and 3G/4G cellular networks reliably, with as much bandwidth as possible.

Designed for systems that require both GPS and telephony/internet connectivity. Having two antennas in one package saves on both installation time/cost and having to buy two antennas.

The Tango 47 has a 12mm zinc plated steel backing plate, which is robustly built for deploying on the roof of the intended vehicle.

Additional Considerations

- Weatherproof design
- High gain GPS antenna
- Cost saving combined function antenna

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Dielectric Antenna

Center Frequency:	1575.42 MHz
VSWR:	1.5:1
Impedance:	50 Ohm
Band Width:	+5 MHz
Peak Gain:	3dBi based on 7x7cm ground plane
Gain Coverage:	4dBi at 90˚
Polarization:	RHCP

LNA/Filter

LNA Gain (Without cable):	28dBi (Typical)
Noise Figure:	1.5dB
VSWR:	<2.0
DC Voltage:	2.7 to 5.0V
DC Current:	11 Max mA

4G Antenna

VSWR:	2.0:1
Impedance:	50 Ohm
Typical Gain:	2dBi

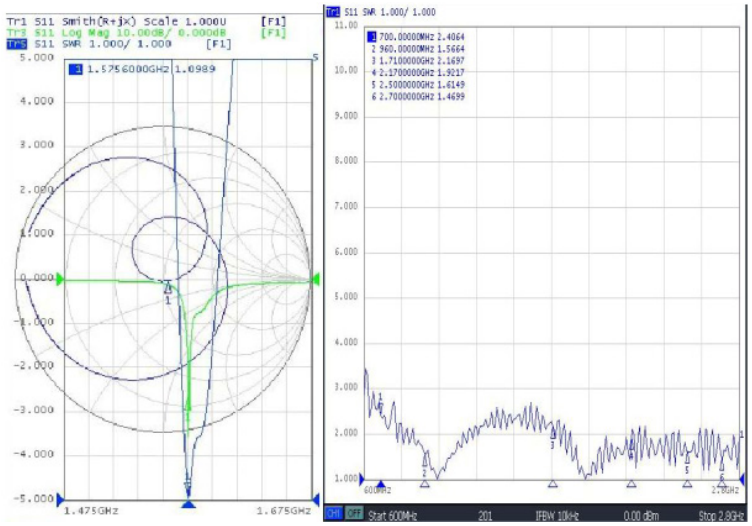
Mechanical Specifications

Dimensions:	H16 x 75mm Ø
Cable:	RG174
Connector:	SMA Male
Mounting:	Screw with rubber pad

Environmental Specifications

Working Temperature:	-40˚C - +85˚C
Storage Temperature:	-45˚C - +100˚C
Weatherproof:	100%

Return Loss & VSWR



Ordering Details

Part Number	Description
TANGO47/2.5M/SMAM/SMAM/S/S/17	4G/LTE and GPS Combined Panel Mount Antenna, SMA Male Connector

A member of the Olancha Group Ltd

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