Siretta
Enabling Industrial IoT

Tango 6B

Combined 2G/GPRS/WiFi & GPS Fin Antenna

Key Features

- Quad band 2G
- GSM 2dBi Peak Gain
- 28dB GPS LNA gain
- WiFi 2dBi Peak Gain

General Description

The Tango 6B is solid shark-fin antenna combining a quad band 2G, a WiFi and a GPS antenna. Providing a simple solution without the inconvenience of installing three separate antennas, saving installation time and cost.

Tango 6B is commonly used for applications such as asset tracking, fleet management and internal SATNAV.

The antenna comes supplied as standard with 4m cables and SMA Male connectors. Alternative cable lengths and connector types may be specified for volume orders.

Additional Considerations

- Robust ABS design and rubber seal
- Meets all EU compliance criteria for electronic goods

Registered in England No. 08405712
VAT Registration No. GB163 04 0349

Siretta Ltd
Basingstoke Road
Spencers Wood
Reading
Berkshire RG7 1PW

sales +44(0)118 976 9014
fax +44(0)118 976 9020
email sales@siretta.com
web www.siretta.com

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Electrical Specifications

GSM Antenna

Center Frequency:	850/900/1800/1900/2100MHz
VSWR:	2.0:1
Impedance:	50 Ohm

Dielectric Antenna

Center Frequency:	1575.42MHz
VSWR:	1.5:1
Impedance:	50 Ohm
Peak Gain:	3dBi (based on 7 x 7cm ground plane)
Gain Coverage:	>-4dBi at 90°
Polarization:	RHCP

GPS Antenna

LNA Gain:	28dB
Noise Figure:	1.5dB
VSWR:	<2.0
DC Voltage:	2.7 - 5.0V
DC Current:	11 mA
Filter out band Attenuation:	7db Min f0/-20MHz 20dB Min f0+/-50MHz 30db Min f0+/-100MHz

WiFi Antenna

Frequency:	2400 - 2500MHz
VSWR:	<1.5
Gain:	2.15dBi
Impedance:	50 Ohm
Polarization:	Vertical

Mechanical Specifications

Dimensions:	L84 x W54 x H62mm
Cable:	RG174
GSM & GPS Connectors:	SMA Male
Mounting Method:	Screw
WiFi Connector:	SMA Male Reverse Polarity

Environmental Specifications

Operating Temperature:	-40 ~ +85°C
Storage Temperature:	-45 ~ +100°C
Humidity:	95 ~ 100% RH
Weatherproof:	100%

Ordering Details

Part Number	Description
TANGO6B/4M/SMAM/SMAM/SMAM/RP/S/S/20	Combined 2G/GPRS/WiFi & GPS Fin Antenna

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