



# **Tango 43** Combined LTE and WiFi Antenna

#### **Key Features**

- Two separate antennas in one package
- 1880 1900MHz (GPRS/2G)
- 2572 2635 MHz (LTE/4G)
- 2400MHz WiFi



### **General Description**

The Tango 43 family combines two antennas in one package and is ideal for 4G / WiFi routers.

The antenna covers two frequency bands, 1.88 to 1.9GHz and 2.5 to 2.6GHz providing coverage for GPRS/LTE (2G/4G) and WiFi.

A great dual package antenna to enable cross connection between mobile and in building local area network systems. Ideal for contolling lighting and power sockets as well as for data collection from sensors.

With 2 antennas within the same package, time and money is saved on both product and installation costs.

Supplied as standard with SMA male connectors and two cable lengths, 0.5 and 2.5m. Alternative connectors and cable lengths may be specified for volume orders.

### **Additional Considerations**

- Reduced panel space consumed by a single package antenna
- Supports local and wide area connection
- Small weather resistant design



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#### **Electrical Specifications**

Impedance:	50 Ohm
Gain:	2dBi
VSWR:	≤1.5
Frequency:	1880 - 1900 / 2400 / 2575 - 2635MHz
Max Input Power:	60W
Polarization:	Vertical

#### **VSWR**

#### 511 SWR 1.000/ 1.000 11.00 1 1.8800000GHz 2.2659 2 2.3500000GHz 2.7788 2.600000GHz 1.4190 10.00 9.000 8,000 7.000 6.000 5.000 4.000 3.000 2.000 Δ 1 1.000 $\Delta$ 1.5GHZ 3GHZ Cor Start 1,5GHz IFBW 10kHz 1601 0.00 dBm Stop 3GHz

## **Mechanical Specifications**

Dimensions:	Ø 46 x 14.5mm
Cable:	RG174
WiFi Connector:	SMA Male Reverse Polarity
4G Connector:	SMA Male
Mounting Method:	M12 Screw
Maximum Material Thickness:	8mm

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#### **Return Loss**

Ordoring	Dotaile
Ordering	Details

Part Number	Description	
TANGO43/0.5M/SMAM/SMAM/RP/S/S/17	Combined 4G & WiFi Antenna SMA Male Connectors 0.5m	
TANGO43/2.5M/SMAM/SMAM/RP/S/S/17	Combined 4G & WiFi Antenna SMA Male Connectors 2.5m	
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