



Tango 25A

Miniature Dual Band WiFi Through Hole Mount Antenna



Key Features

- Miniature Design
- Through Hole / Screw Mounting
- Dual Band WiFi 2400 / 5800MHz

General Description

The Tango 25A is a miniature, through-hole mount, dual band WiFi / WLAN antenna. Measuring at an impressive 22 x 22mm, this is one of the most compact screw mount WiFi antennas on the market.

The Tango 25A is tuned to operate within the 2.4 to 2.5GHz and 5.1 to 5.9GHz frequencies, making this antenna perfect for WiFi, Bluetooth and Zigbee applications.

The antenna is supplied as standard, with 100mm of RG174 coaxial cable, terminated with a reverse polarity SMA male connector. Custom cable lengths and alternative connector types can be specified for volume orders.

Additional Considerations

- Made out of durable ABS
- 2dBi gain at 2400MHz / 4dBi gain at 5800MHz

T Through	WLAN 2400	WLAN 5800	ISM 2450
BLE Bluetooth	ZB Zigbee	WiFi 4 802.11n	WiFi 5 802.11ac
WiFi 6 802.11ax			



Tango 25A

Miniature Dual Band WiFi Through Hole Mount Antenna

Electrical Specifications

Operating temperature:	-30 to +60°C
Impedance:	50 Ohm
Gain:	2/4dBi
VSWR:	≤ 2.0
Frequency range:	2.4 - 2.5 / 5.1 - 5.9GHz
Max power:	1 Watt
Beamwidth:	H-PLANE - 360° E-PLANE - 30/22°
Polarization:	Vertical

Mechanical Specifications

Dimensions:	Ø22 x 22mm
Weight:	11g
Connector:	RP SMA Male
Cable:	RG174
RoHS compliant:	Yes
Mounting Method:	M11 1.0P-6g screw



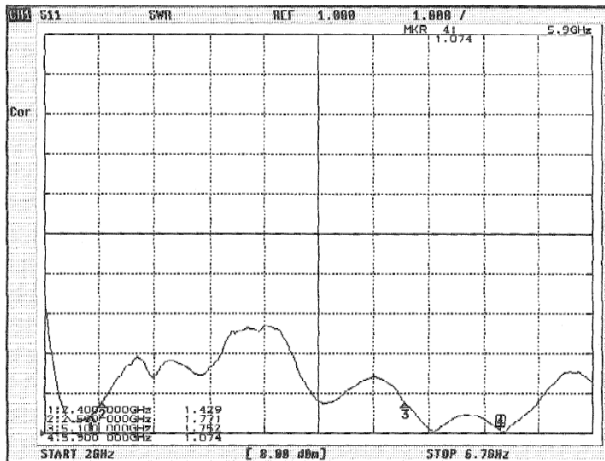


Tango 25A

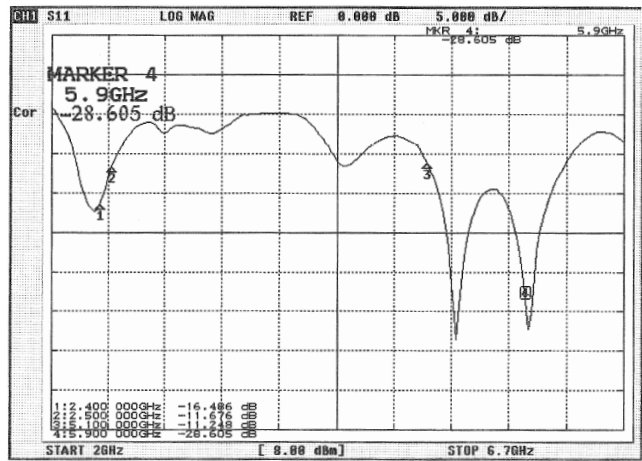
Miniature Dual Band WiFi Through Hole Mount Antenna

Test Reports

VSWR

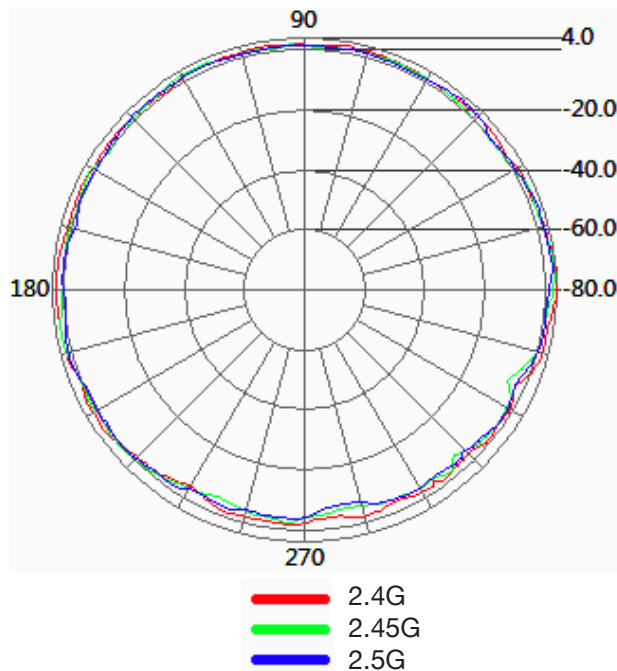


Return Loss

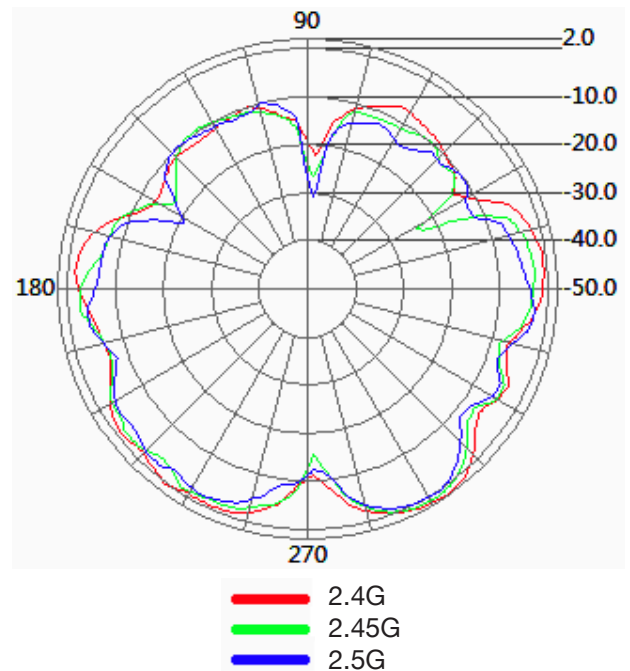


Radiation Patterns

2.4GHz H Plane



2.4GHz E Plane

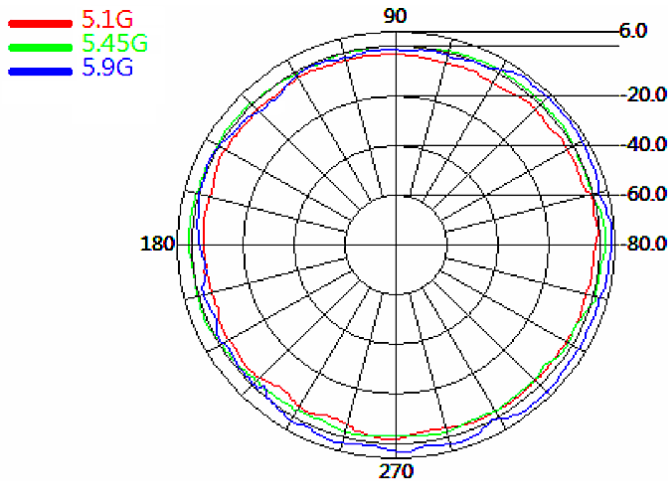




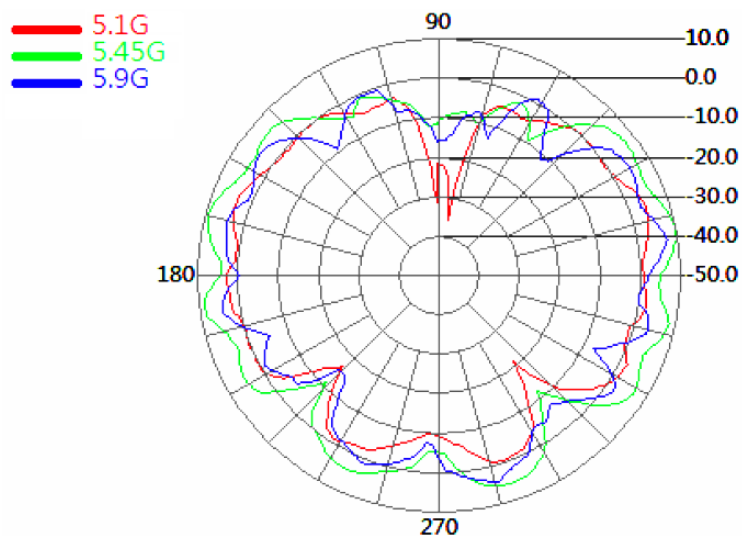
Tango 25A

Miniature Dual Band WiFi Through Hole Mount Antenna

5GHz H Plane



5GHz E Plane



Ordering Details

Part Number	Description
TANGO25A/0.1M/SMAM/S/RP/29	DUAL WIFI 2.4/5GHZ MINI THROUGH HOLE MOUNT ANTENNA 100MM CABLE AND RP SMA MALE

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siretta:

[TANGO25A/0.1M/SMAM/S/RP/29](#)