



Enabling Industrial IoT



Tango 41

2G/3G/4G/WiFi small footprint, bolt through Antenna



Key Features

- 5dBi gain at 4G/2600MHz
- Outdoor rugged antenna
- Integrated RF cable

General Description

The Tango 41 is a wide band outdoor antenna range aimed at the 4G/WiFi frequency but equally capable of 2G and 3G frequencies.

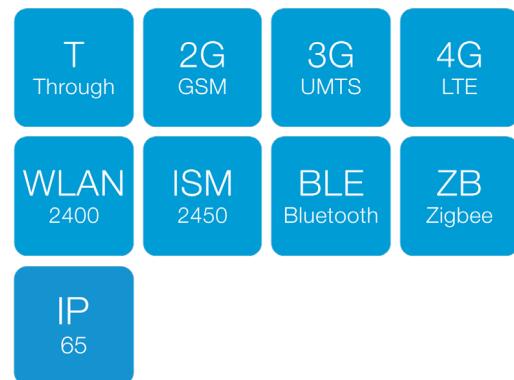
The antenna has a high peak gain of 5dBi in the upper frequency band and 1-3dBi peak performance in the mid and lower frequency band.

The Tango 41 has an integrated RF cable terminated with an SMA male connector.

Alternative connectors and cable lengths can be specified for volume orders.

Additional Considerations

- Integral rubber washer for exterior antenna use
- Omni directional radiation





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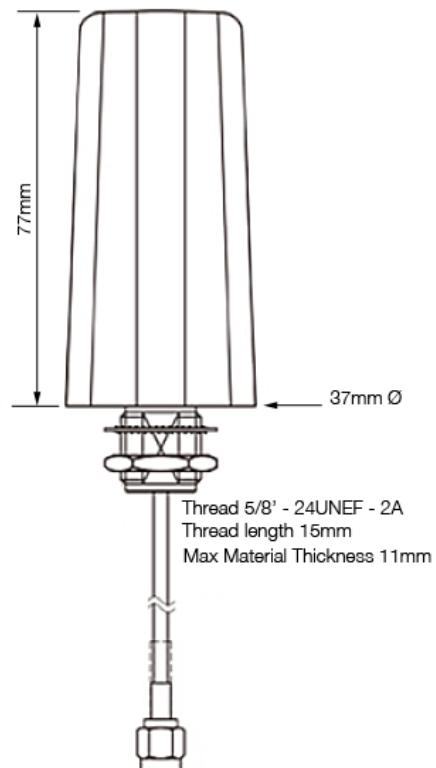
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Electrical Specifications

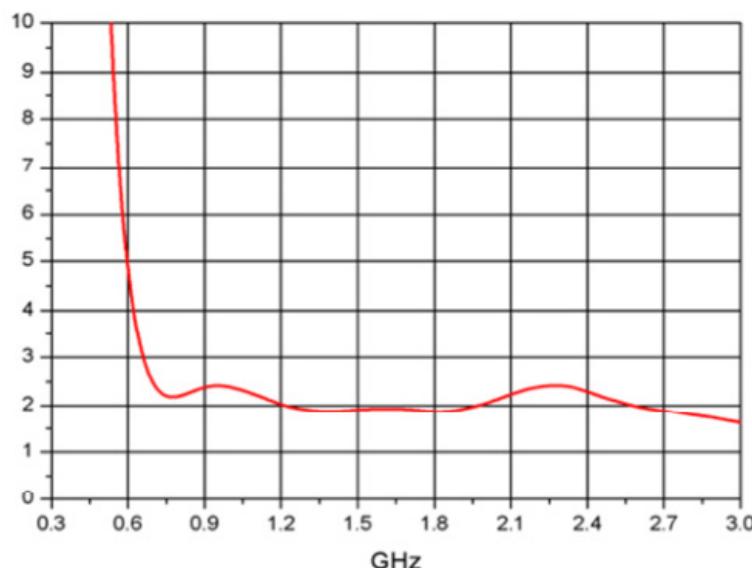
Operating temperature:	-20 - +65°C
Storage temperature:	-30 - +70°C
Impedance:	50 Ohm
Gain:	1 / 3 / 5dBi
VSWR:	≤3.0
Frequency range:	698 - 960MHz 1710 - 2170MHz 2300 - 2700MHz
Radiation:	Omni-directional
Polarization:	Vertical
HPBW ± 3dB@EPlane:	120° @ 698-960MHz @ EPlane 50° @ 1710-2170MHz @ EPlane 30° @ 2300-2700MHz @ EPlane
HPBW ± 3dB@HPlane:	360° @ 698-960MHz @ HPlane 360° @ 1710-2170MHz @ HPlane 360° @ 2300-2700MHz @ HPlane

Mechanical Specifications

Cable:	RG174
Connector:	SMA Plug



Return Loss / VSWR

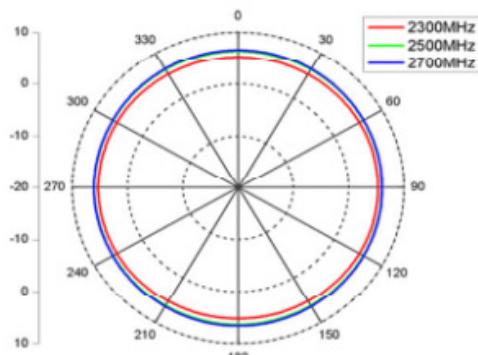
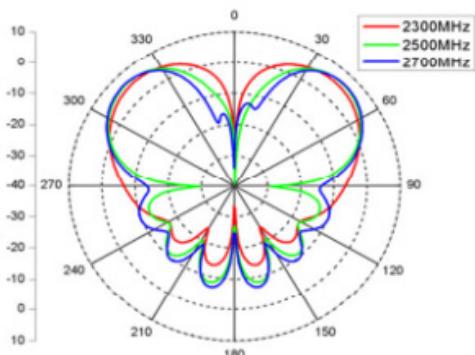
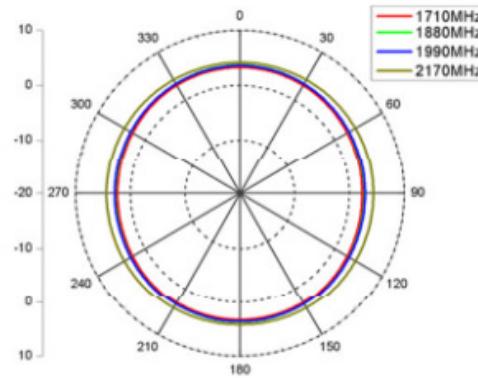
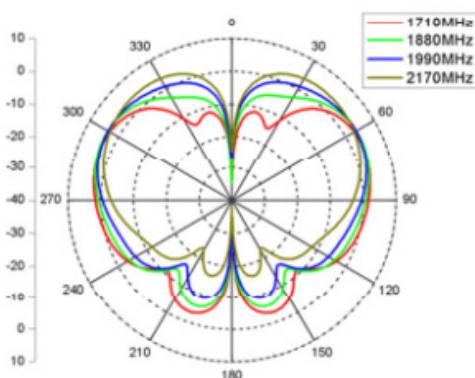
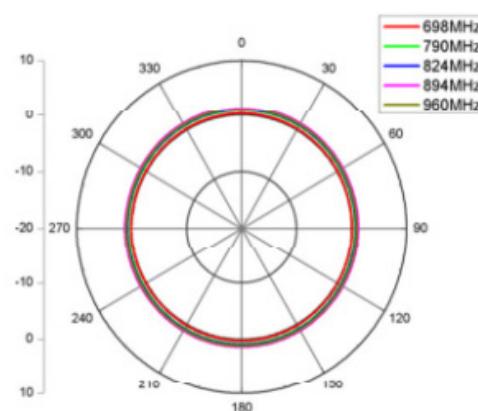
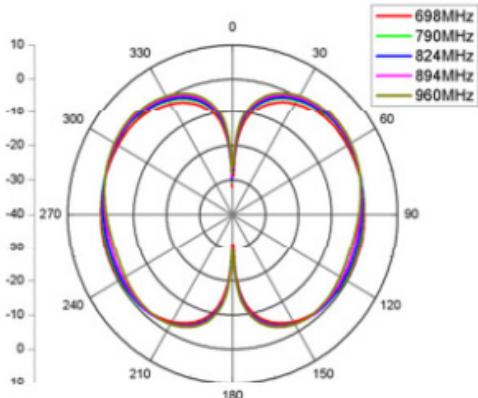




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Radiation Patterns



Ordering Details

Part Number	Description
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TANGO41/1M/SMAM/S/S/15	2G/3G/4G/WiFi small footprint, bolt thru Antenna
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