



Enabling Industrial IoT



Tango 40

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



Key Features

- 5dBi gain at 4G/2600MHz
- Outdoor rugged antenna
- N-type female connector

General Description

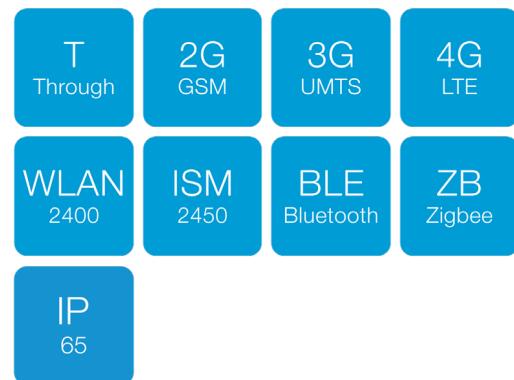
The Tango 40 is a wide band outdoor antenna range aimed at the 4G/WiFi frequency but equally capable of 2G and 3G frequencies.

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.

Standard or custom cable assemblies are available with length and connector variations.

Additional Considerations

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





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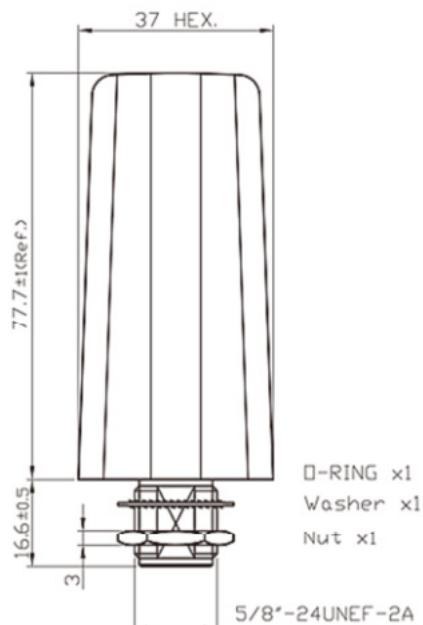
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Electrical Specifications

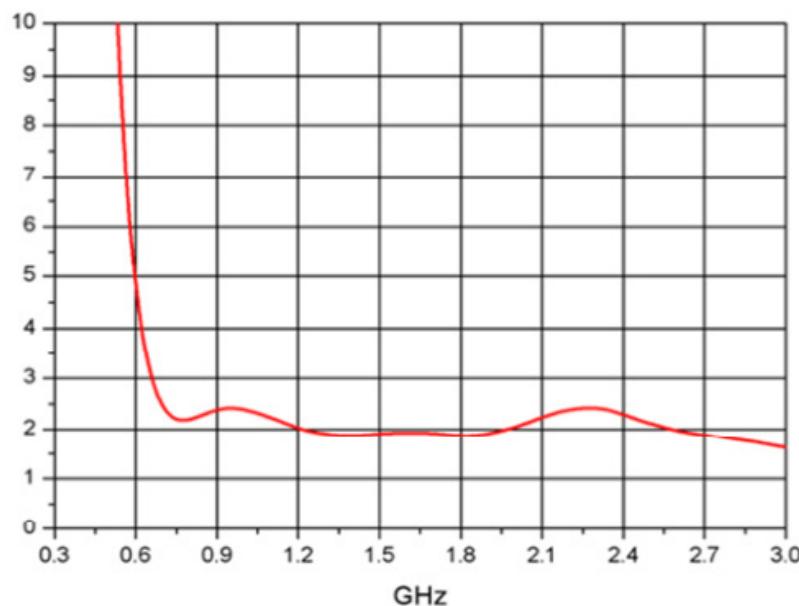
Operating Temperature:	-20 - +65°C
Storage Temperature:	-30 - +70°C
Impedance:	50 Ohm
Peak Gain:	1/3/5dBi
VSWR:	≤ 3.0
Frequency Range:	698 - 960MHz 1710 - 2170MHz 2300 - 2700MHz
Radiation:	Omni-directional
Polarization:	Vertical
HPBW $\pm 3\text{dB}$ @EPlane:	120° @ 698-960MHz @ EPlane 50° @ 1710-2170MHz @ EPlane 30° @ 2300-2700MHz @ EPlane
HPBW $\pm 3\text{dB}$ @HPlane:	360° @ 698-960MHz @ HPlane 360° @ 1710-2170MHz @ HPlane 360° @ 2300-2700MHz @ HPlane

Mechanical Specifications

Connector: N Jack



Return Loss and VSWR





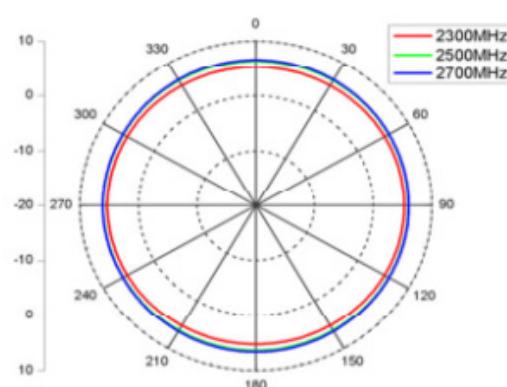
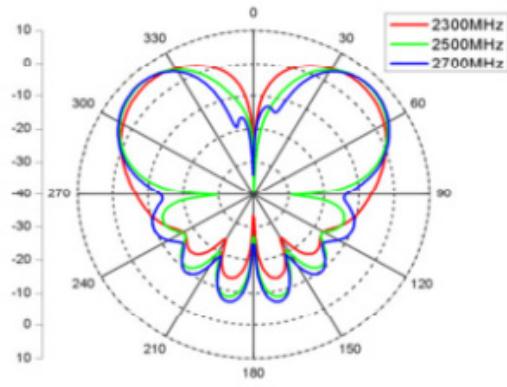
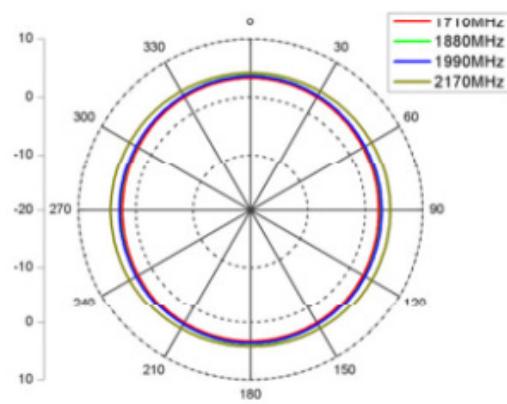
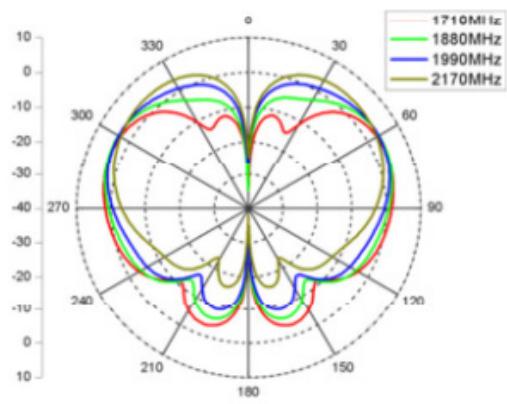
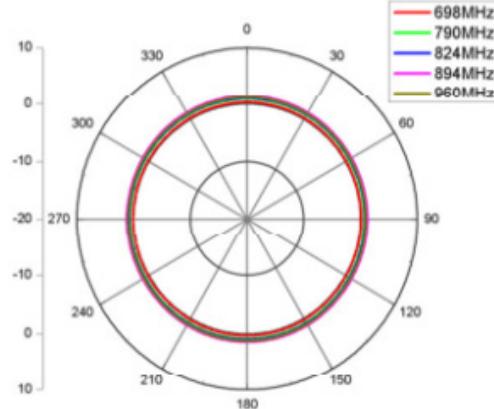
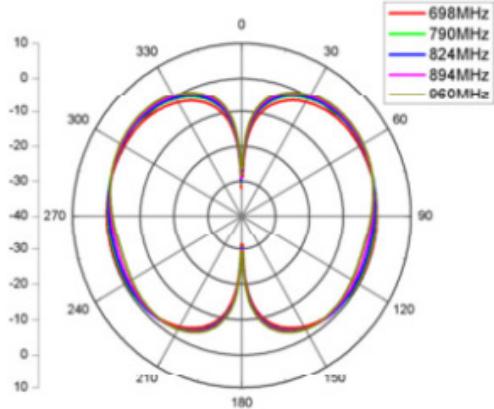
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Radiation Patterns



Ordering Details

Part number	Description
TANGO40/x/NTYPEF/S/S/32	2G/3G/4G/WiFi small footprint bolt through Antenna