



Tango 45

Mini bolt-through 2G/3G/4G/WiFi Antenna



Key Features

- General use wideband antenna
- 2G/3G/4G
- WiFi/Bluetooth/Zigbee

General Description

The Tango 45 mini antenna covers the 2G/3G/4G frequency bands in addition to the 2.4GHz WiFi band.

The antenna comes with a rubber O ring to help seal it against the panel providing a weather resistant seal.

As standard the antenna comes with 100mm of cable and an IPEX / uFL connector for easy PCB connection.

The Tango 45 can be made with alternative lengths of cable and alternative connector types for volume orders.

Additional Considerations

- Strong radome
- Weather resistant seal



Tango 45

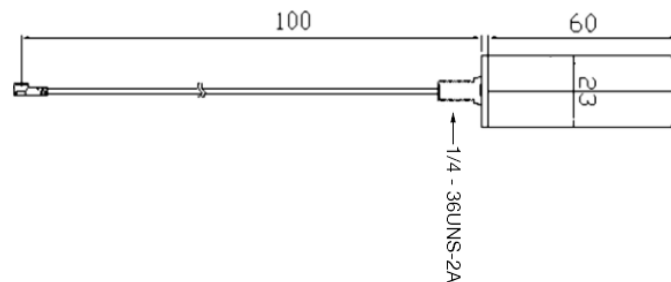
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Electrical Specifications

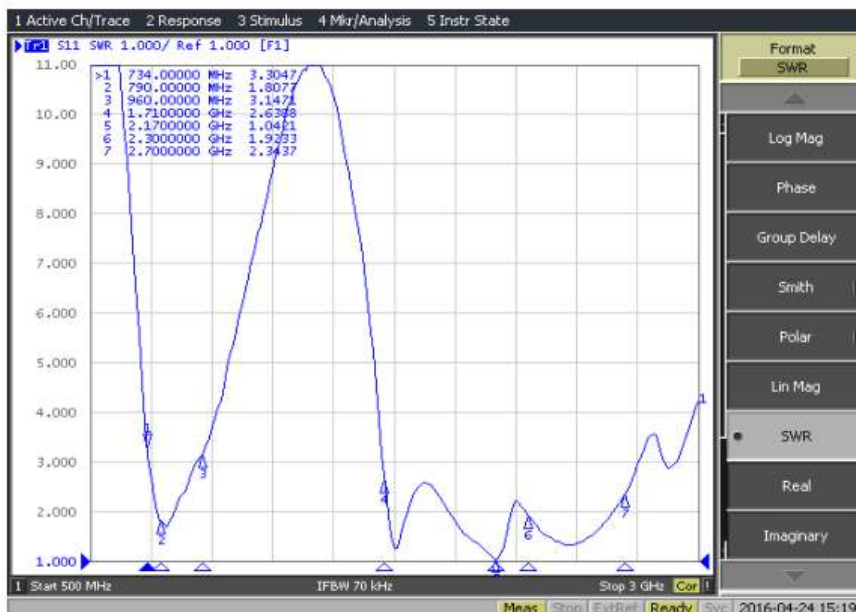
Operating Temperature:	-30°C - +60°C
Impedance:	50 Ohm
Peak Gain:	2/2/4dBi
VSWR:	≤3.5
Frequency Range:	734 - 960/1710 - 2170/ 2300-2700MHz
Max Power:	1W
Beamwidth:	H-Plane - 360° E-Plane - 50°
Polarization:	Vertical

Mechanical Specifications

Dimensions:	Ø 23 x 60mm
Cable:	RF1.13
Connector:	IPEX
Material Radome:	ABS
Mounthing Method:	6.2mm Ø Screw
Maximum Material Thickness:	6mm



VSWR

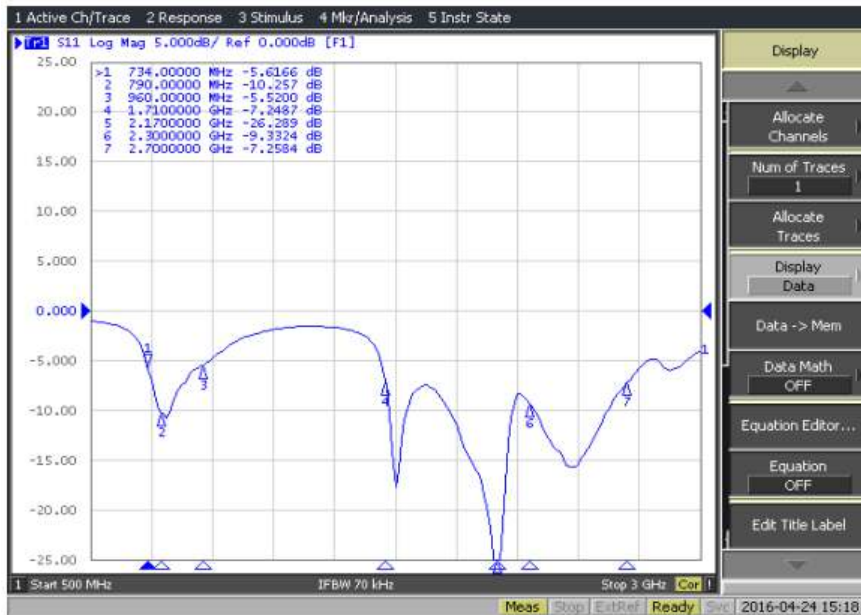




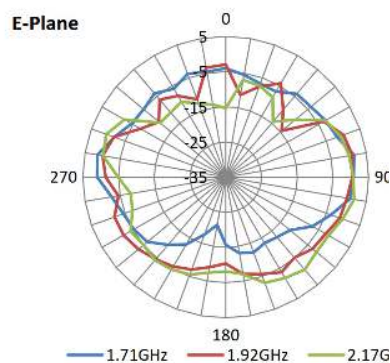
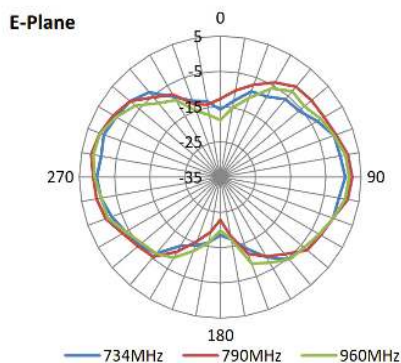
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Return Loss



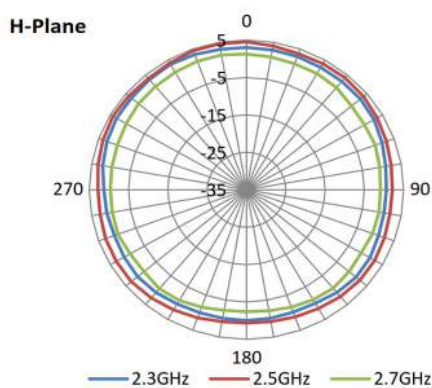
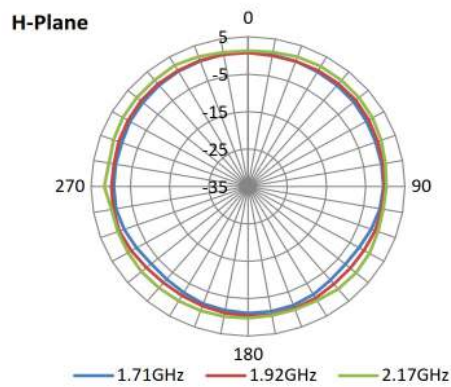
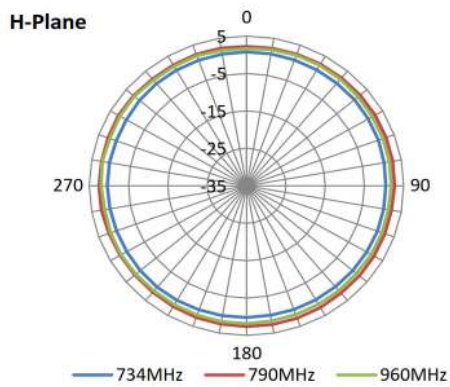
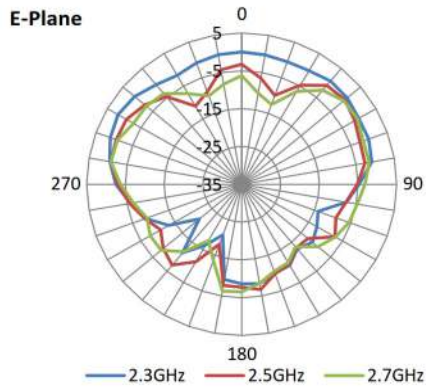
Radiation Patterns





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Ordering Details

Part Number	Description
TANGO45/0.1M/IPEX/S/S/29	Mini bolt-through 2G/3G/4G Antenna