



Tango 46

Mini bolt-through 3G/4G Antenna

Key Features

- Compact size
- 2dBi peak gain
- Weather resistant



General Description

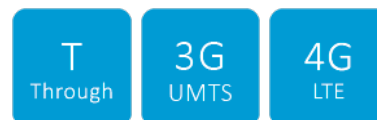
The Tango 46 mini antenna is for use with 3G/4G signals, achieving its small size by confining its frequency range to 3G and 4G only and with a credible 2dBi peak gain.

The antenna comes with a rubber O ring for use on its stud whilst bolting it to a panel or box helping to achieve a weather resistant seal.

Supplied as standard with 100mm of cable and an IPEX connector for simple PCB connection. Alternative cable lengths and connector types may be specified for volume orders.

Additional Considerations

- Excellent for limited space applications
- Use as part of an embedded system





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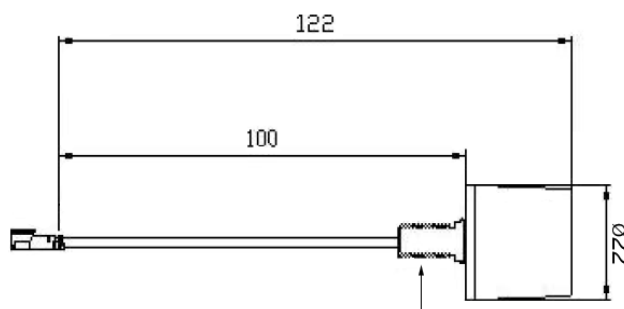
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Electrical Specifications

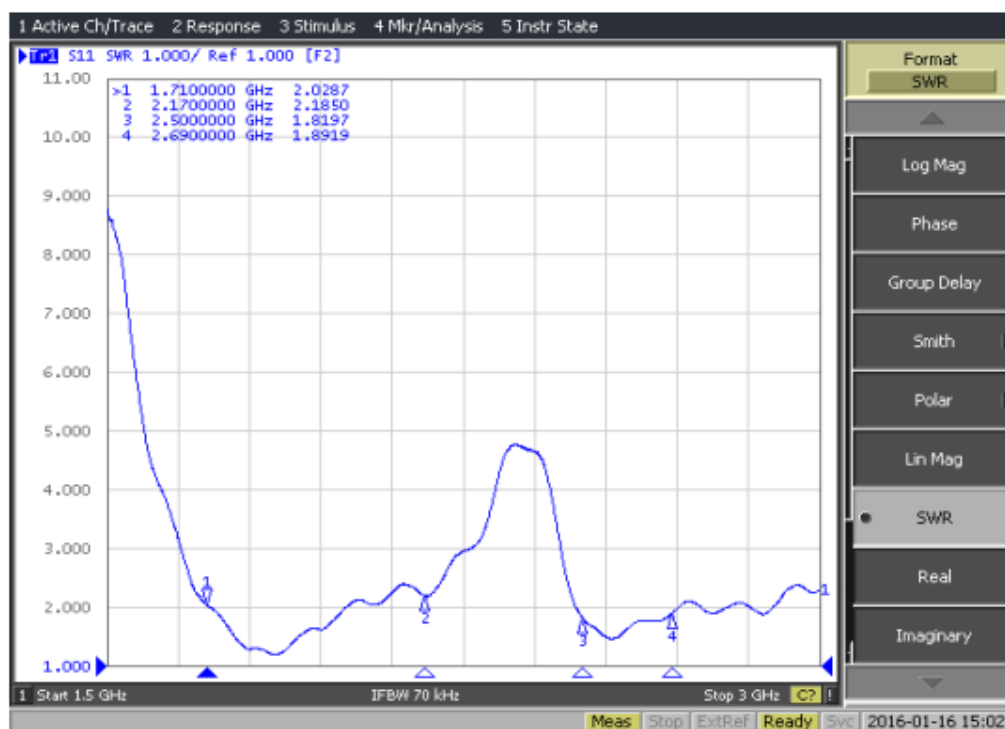
Operating Temperature:	-30°C - +60°C
Input impedance:	50 Ohm
Peak Gain:	2dBi
VSWR:	≤2.2
Frequency:	1710 - 2170/2500 - 2700MHz
Max Power:	1W
Beamwidth:	H-Plane - 360° E-Plane - 52°
Polarization:	Vertical

Mechanical Specifications

Dimensions:	Ø 22 x 22mm
Cable:	RF1.13
Connector:	IPEX
Radome Material:	ABS
Mounting Method:	6.2mm D Screw
Maximum Material Thickness:	6mm



VSWR

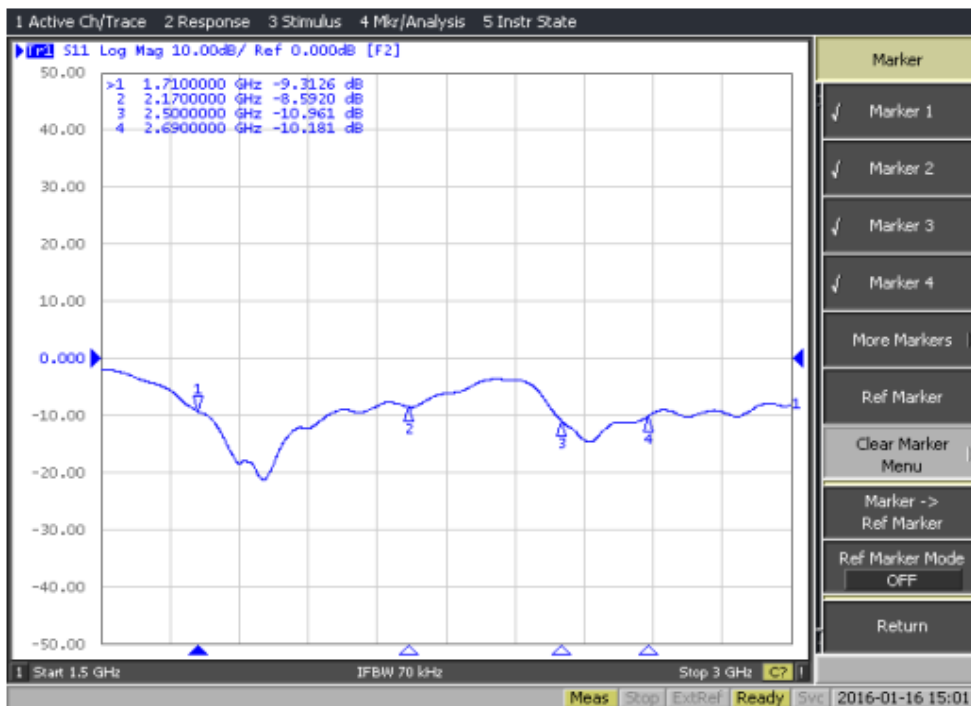




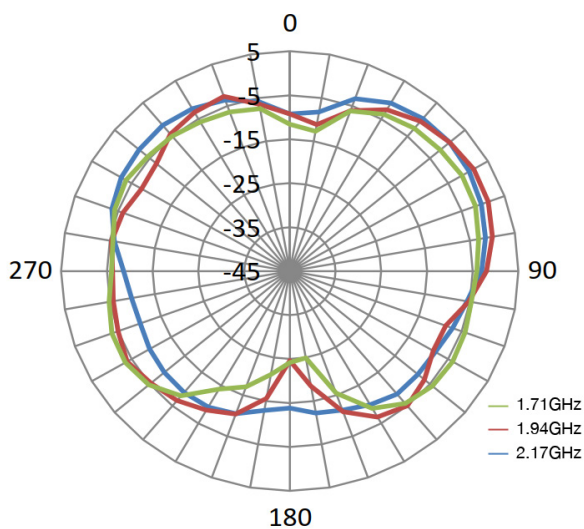
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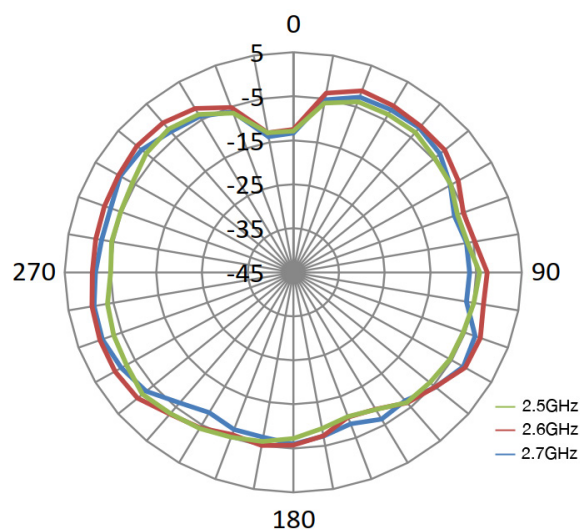
Return Loss



Radiation Patterns E-Plane 1.7 - 2.1GHz



E-Plane 2.5 - 2.7GHz

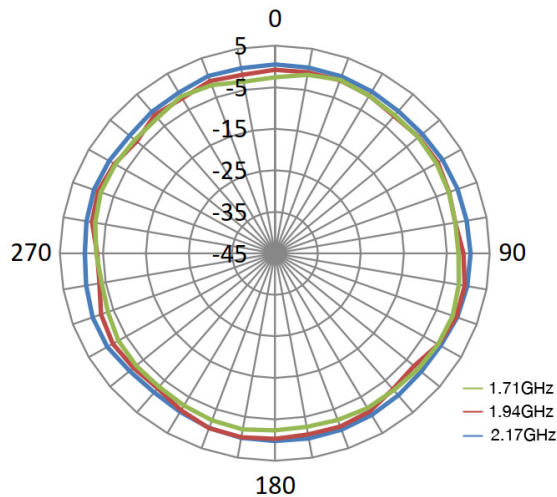




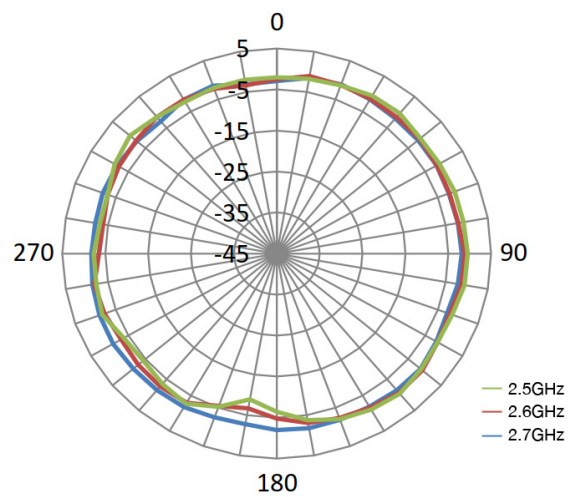
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H-Plane 1.7 - 2.1GHz



H-Plane 2.5 - 2.7GHz



Ordering Details

Part Number	Description
TANGO46/0.1M/IPEX/S/S/29	Mini bolt-through 3G/4G Antenna

Mouser Electronics

Authorized Distributor

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