



Tango 37

4G and 868MHz ISM Band Dual Port Panel Mount Puck Antenna

Key Features

- 4G antenna plus 868MHz antenna in one package
- Small puck antenna
- Suitable for IoT applications



General Description

The Tango 37 answers the need for a single antenna package that can operate local wireless connections between sensor and control units at the same time as long range connections over the 4G network.

Typically, many local short range wireless needs are for switching products on and off in buildings without using wires from the controller to the device.

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

Additional Considerations

- Save on labour and product costs of installing two antennas
- Application bridging antenna
- Best for cellular signal coverage in the following bands:
 - 2G Band 3 (DCS-1800)
 - 2G Band 9 (E-GSM-900)
 - 3G Band 8 (E-GSM-900)
 - 3G Band 1 (IMT-2100)
 - 4G Band 20 (800)





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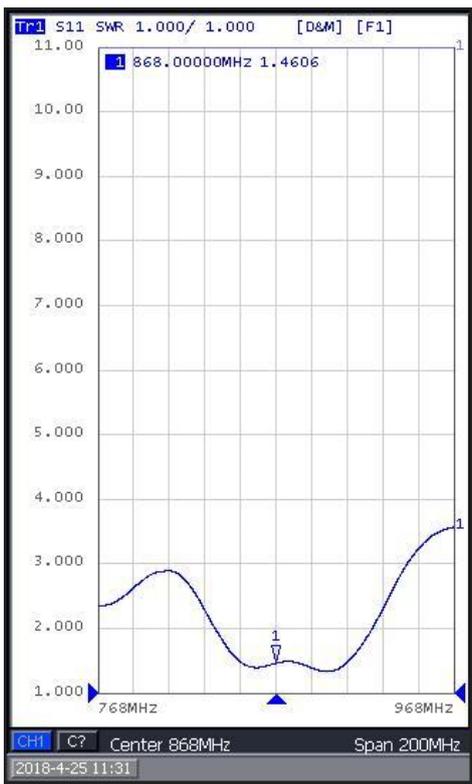
Electrical Specifications

Impedance:	50 Ohm
VSWR:	≤2.0
Gain:	2-3dBi
Frequency Range:	690-960/1710-1710/ 2500 - 2700MHz (Port 1) 868MHz (Port 2)
Max Power:	60W
Polarization:	Vertical / Horizontal

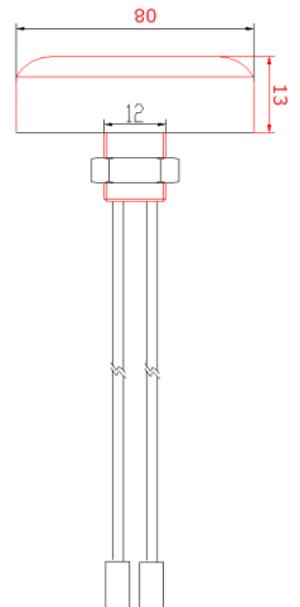
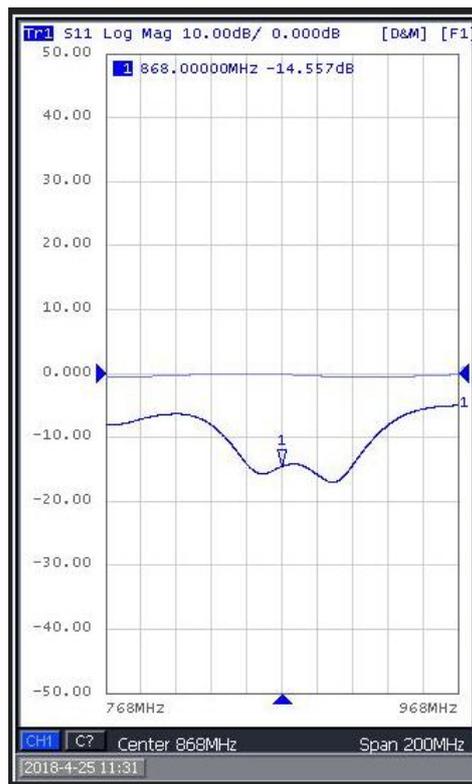
Mechanical Specifications

Operating Temperature:	-45 - +75°C
Storage Temperature:	-45 - +75°C
Dimensions:	80 Ø x H13mm
Cable:	RG174 x2
Connector:	SMA Male x2
Mounting:	12mm Screw

VSWR



Return Loss



Ordering Details

Part Number Description

TANGO37/2.5M/SMAM/SMAM/S/S/17 4G and 868MHz ISM Band Dual Port Panel Mount Puck Antenna