## 2.4GHz WiFi Antenna

# Hinged Whip Antenna

### Features

- Omni Directional Whip Antenna
- 2.4 2.5GHz
- 2.15dBi Gain
- VSWR < 2.0
- Rugged Flexible Plastic Finish.
- SMA with Variable Hinge
- Vertical Polarisation
- 50ohm Impedance
- Operating Temp -30 to +60°C
- Insulation resistance  $500M\Omega$

@500Vdc



### Applications

- General WiFi
- M2M Applications

### Description

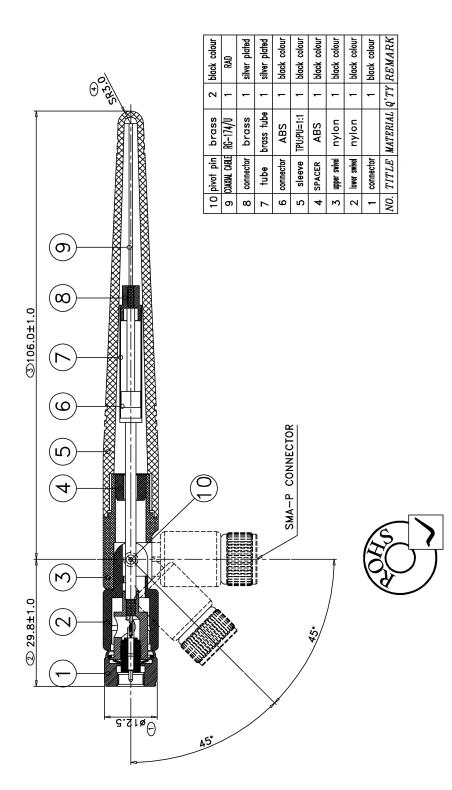
A Miniature antenna for demanding applications. This antenna provides operation a high performance across a broad spectrum of frequencies. Housed in a rugged low profile ABS, this antenna is compact and resistant to Vandalism.

### Ordering Information

Part No	Description
ANT-24G-WPJ-SMA	Stubby Antenna 2.4GHz SMA(male)



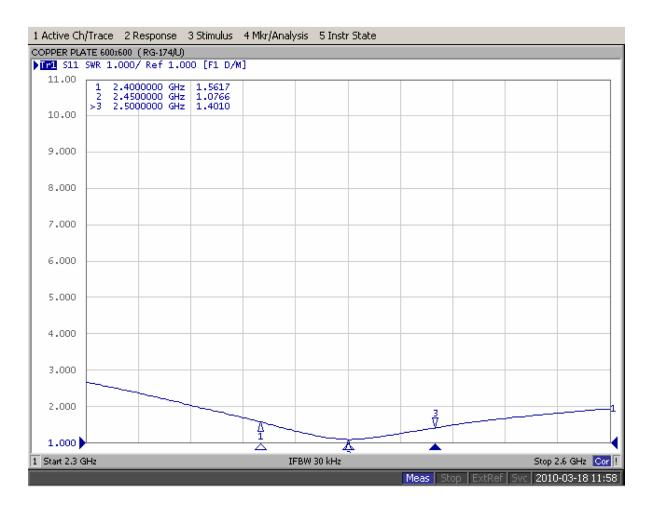
## Mechanical Detail





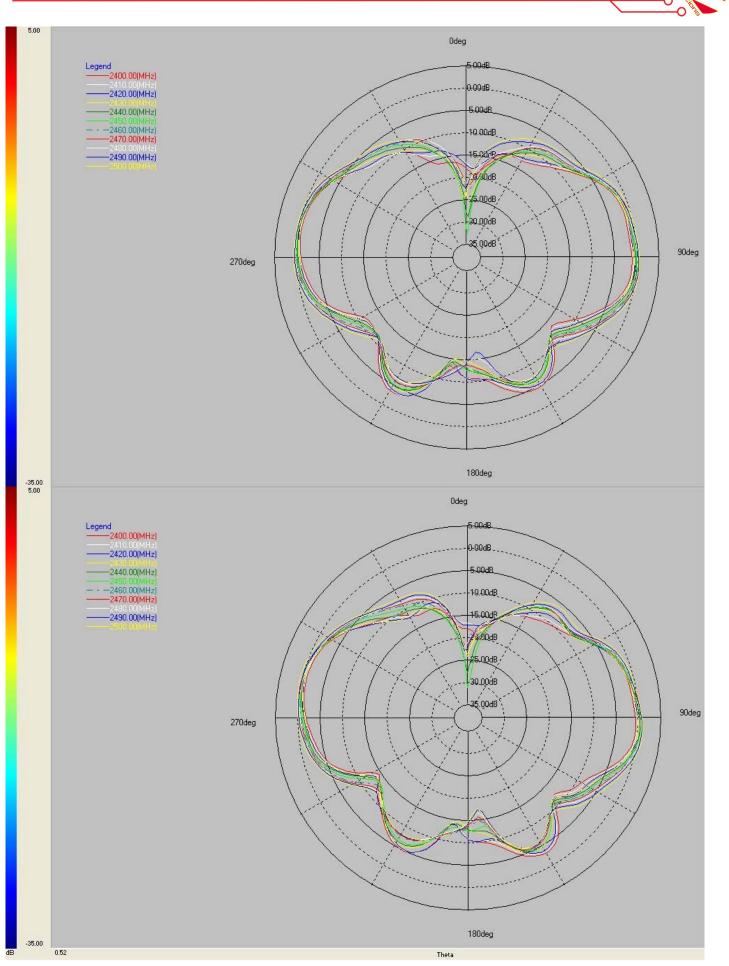


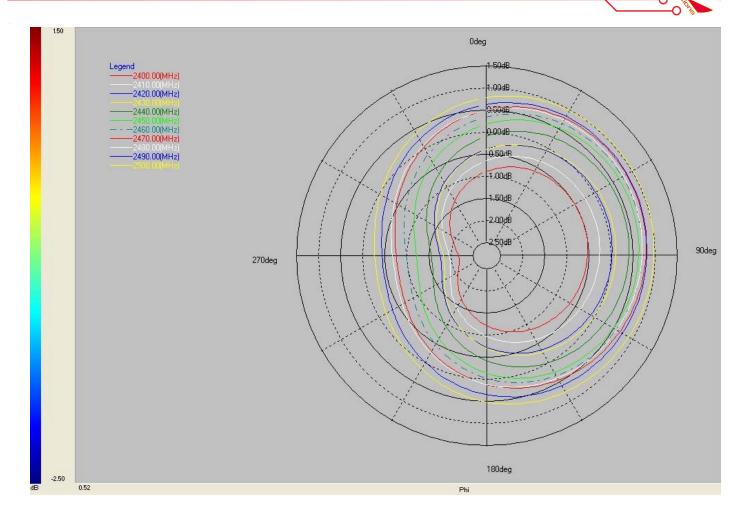
### Performance Data - VSWR & RETURN LOSS



### Further Technical Data

Insulation Resistance 500MOhm at 500Vdc Strength of fixing between sleeve and stucd Vertical Polarisation Rotational and vertical strength 2.0Kgf.cm





Frequency VNA	E Total. dB(dB)	Efficiency()
2400MHz	-0.37067	36.54%
2410MHz	-0.0988096	38.28%
2420MHz	0.183845	40.10%
2430MHz	0.174961	39.60%
2440MHz	0.513101	41.92%
2450MHz	0.765502	44.41%
2460MHz	0.80707	45.71%
2470MHz	0.909413	47.41%
2480MHz	0.858045	47.63%
2490MHz	0.986367	50. 52%
2500MHz	1.15852	54.04%



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Discard with normal waste, please recycle.

#### ROHS Directive 2012/65/EU and amendment 2015/863/EU

Specifies certain limits for hazardous substances.

#### WEEE Directive 2011/19/EU

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### Waste Batteries and Accumulators Directive 2006/66/EC

Where batteries are fitted, before recycling the product, the batteries must be removed and disposed of at a licensed collection point.

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