

2.4GHz Miniature PIGTail Antenna

Features

- 1/4 Wave Monopole Antenna
- 21mm long
- 50mm PIGtail to IPEX (ufl)
- Rugged Flexible Plastic Finish.
- VSWR ≤ 2.0
- Omni-Directional Design
- 50ohm Impedance
- Nominal Gain 0dBi
- Omni-Directional Design
- Operating Temp -40 to $+70^{\circ}\text{C}$
- Insulation resistance $500\text{M}\Omega$ @ 500Vdc
- Custom Cables on request



Applications

- WiFi Applications
- General Low Power Radio
- M2M Applications

Ordering Information

PART No	Description
ANT-24G-S21-P5FL	Stubby Antenna straight 50mm RG178 to iPEX (ufl)

Custom Versions

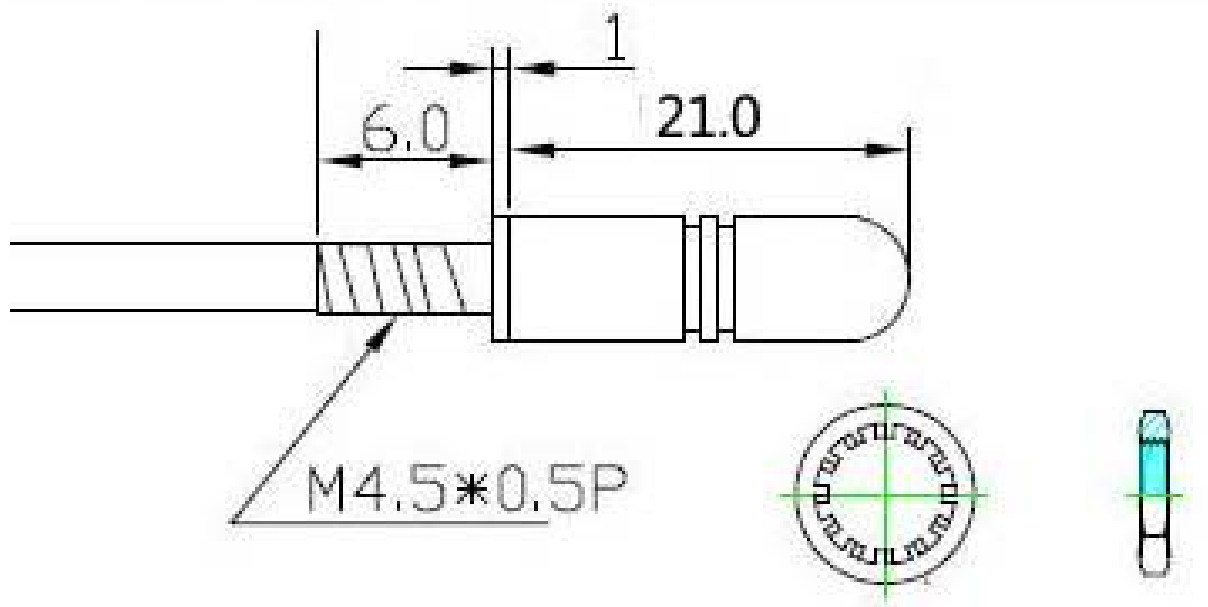
Custom versions are available, for example, alternative cable type and length (RG178 with varying OD)

Alternative connectors e.g. MMCX, MCX, SMA etc or open ended

ANT-24G-S21P-1

Mechanical Data

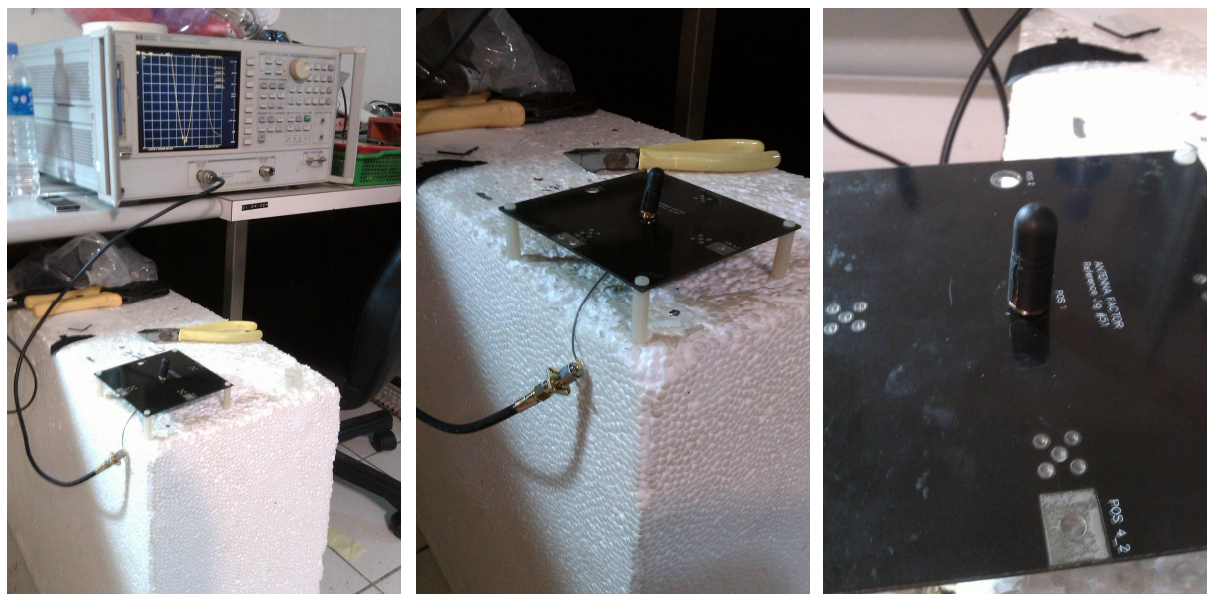
Mounting Thread is M4.5 x 0.5P, Length 6mm



Test Setup for Measurements

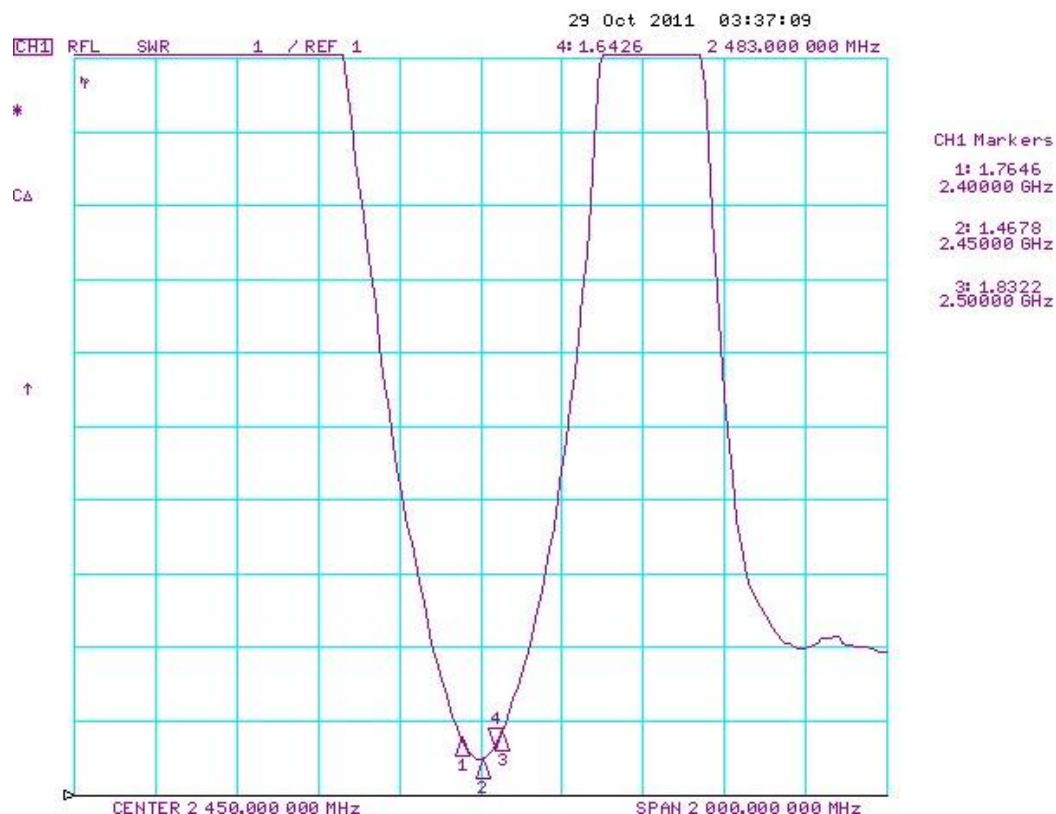
Characteristics for this antenna were taken with the following conditions:

1. Antenna mounted on a ground plane 100x100mm.
2. Measurement Equipment: HP 8753ET 300KHZ~6 GHZ
3. Cable: CFD200, 500mm, SMA(M) to SMA(M)



DS-24GS21P-1

VSWR



Return Loss





RF Solutions Ltd. Recycling Notice

Meets the following EC Directives:

DO NOT
Discard with normal waste, please recycle.

ROHS Directive 2002/95/EC
Specifies certain limits for hazardous substances.

WEEE Directive 2002/96/EC
Waste electrical & electronic equipment. This product must be disposed of through a licensed WEEE collection point. RF Solutions Ltd., fulfils its WEEE obligations by membership of an approved compliance scheme.

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