

## ANT-8COIL17

- Bandwidth 868MHz +/-5%
- Gain 2.5dBi
- Material Phosphor Bronze  
c/w Protective Sleeve
- Vertical Polarisation
- VSWR < 1.6
- Omni-Directional Design
- 50ohm Impedance
- Operating Temp -30 to +65°C
- Max Power 1W



### Applications

- General Low Power Radio
- IOT / M2M Applications
- Telemetry

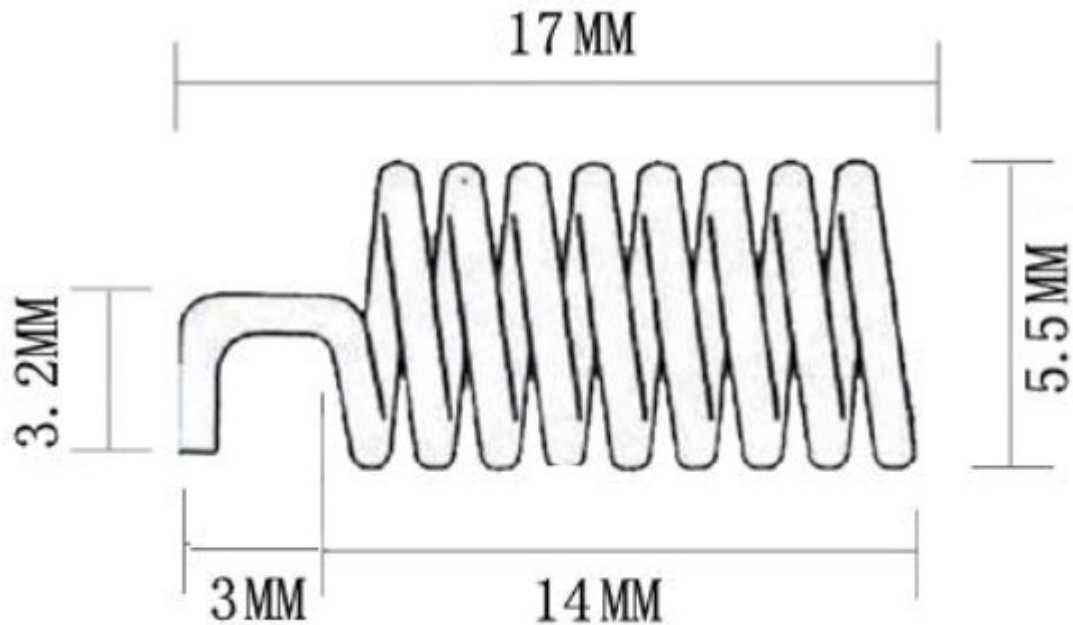
### Description

A compact Spring Coil antenna for very small space saving applications.

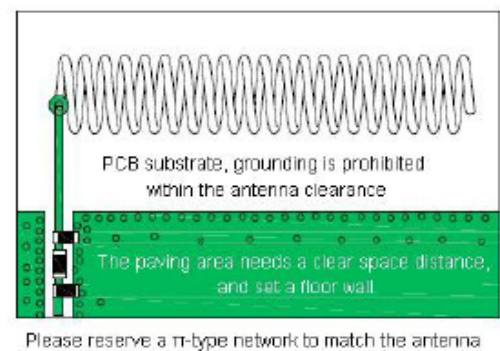
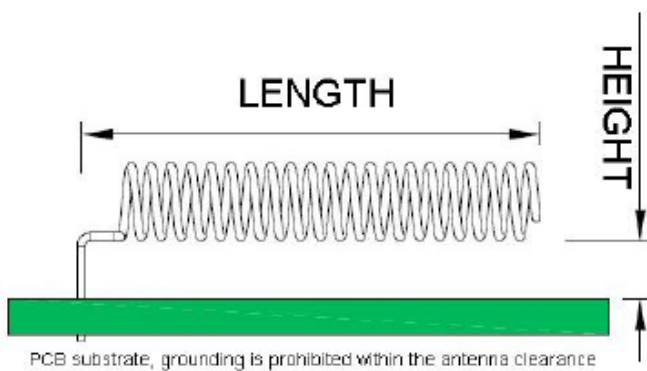
### Ordering Information

Part No	Description
ANT-8COIL17	Spring Coil Antenna 17x5.5mm +2.5dBi PCB Mount

## Mechanical Dimensions



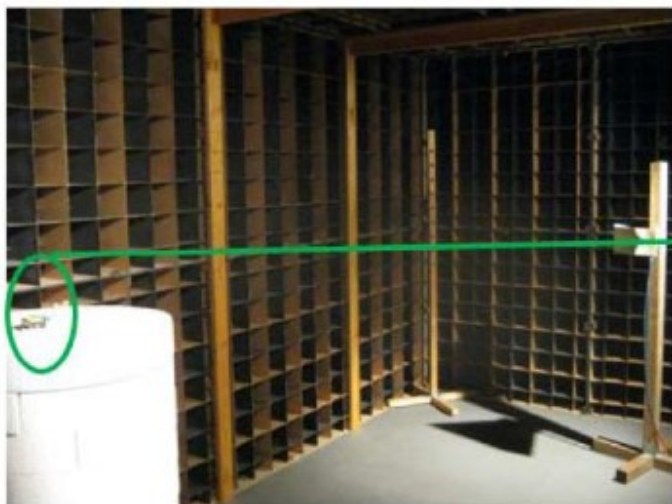
## Application



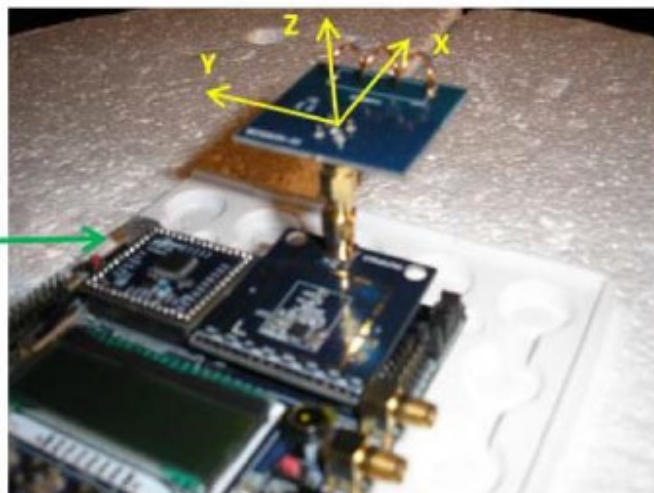
Mount the Antenna leaving a ~3-5mm gap edge from the PCB Ground plane.

Ideally an impedance matching network is employed between RF source and the antenna to reduce losses between the two. This may be a standard P type network combined with impedance controlled PCB tracks.

## Test Environment

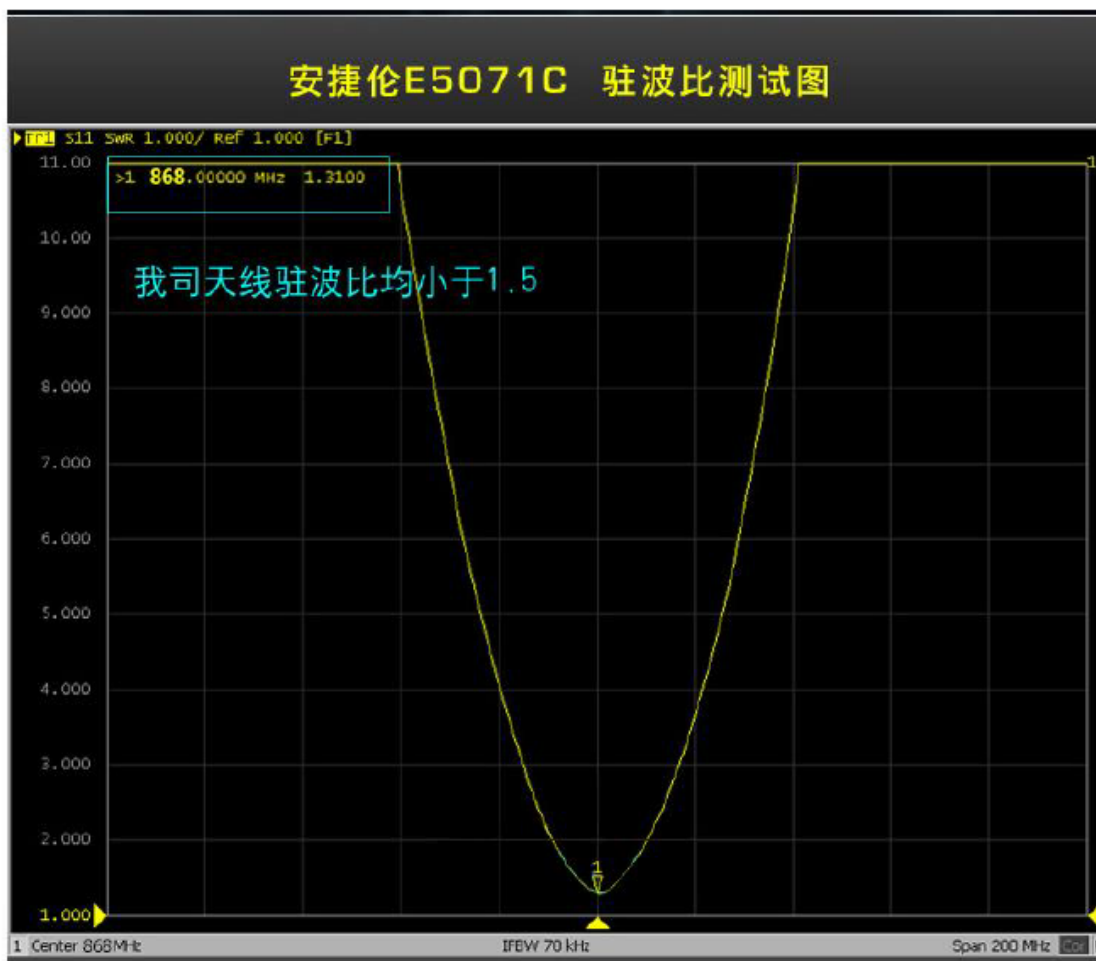


Dark Room Test



XYZ direction test

## Performance / Return Loss



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**ROHS Directive 2011/65/EU and amendment 2015/863/EU**

Specifies certain limits for hazardous substances.

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