

Nickel Plated Spring Antenna

Product Specification



Catalogue

1.Description	3
2.Technical Parameter	3
3.Size	3
4.VSWR Chart	3
5.Gain and Effi	4
6.Test Directional diagram	4

Note: Revision History

Revision	Date	Comment
V1.0	2013-07	First release
V2.0	2016-06	Typesetting, measurements revsied
V2.1	2017-06	Logo updated
V2.2	2020-11	logo and product description updated
V2.3	2025-3	Update Size

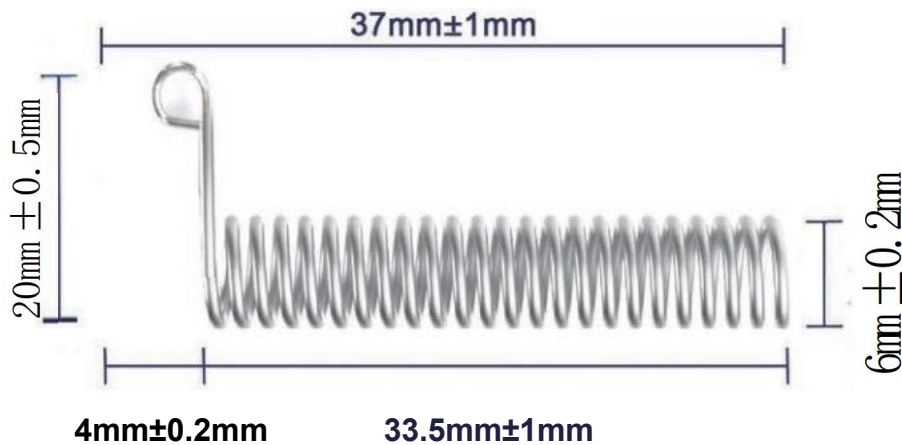
1.Description

YD462 ,a small nickel plated spring antenna,designed specially for 462MHz wireless communication,it has good VSWR,Compact dimensions,easy installation,stable performance,with good anti-vibration and anti-aging ability.

2.Technical Parameter

- | | |
|---------------------------|----------------------------|
| ·Frequency Range:462±5MHz | ·Wire diameter:0.6mm |
| ·VSWR:≤1.5 | ·Height:31±1 mm |
| ·Gain:0.67 dBi | ·Interface form:Lock screw |
| ·Input impedance:50 Q | ·Lead wire:silver |
| ·Max power:5W | ·Weight:2g |

3.Size



4.VSWR Chart

Antennas have been tested under wireless simulated environment by Network Analyzer.



5.Gain and Effi

Frequency (MHz)	Effi	Peak Gain
457	1.46	0.67
462	1.58	0.31
467	1.27	0.18

6.Test Directional diagram

