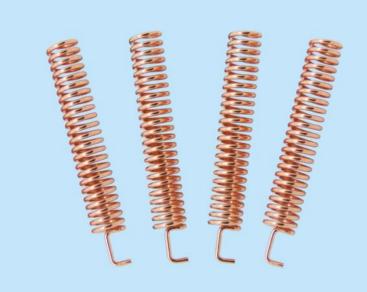


433MHz Copper Spring Antenna

# **Product Specification**







## Catalogue

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### **Note: Revision History**

Revision	Date	Comment		
V1.0	2014-07	First release		
V2.0 Griffeett	2016-06	Typesetting, measurements revsied	G.Nicell	G.Nicele
V2.1	2017-06	Logo updated		
G-NiceR1	G.NiceR <sup>R</sup>	G. Nitros B.	G.NiceR	G-NiceRr



### 1. Description

SW433-TH32, copper spring antenna, designed specially for 433MHz wireless communication. It has good VSWR, ingenious structure, easy installation, stable performance, with good anti-vibration and aging ability.

#### 2. Technical Parameter

• Frequency Range: 433 (+/-5) MHz

• VSWR: ≤ 1.5

• Gain: 2.15 DBI

• Input impedance:  $50 \Omega$ 

• Max power: 10 W

• Height: 32+/-1 mm (23.5T)

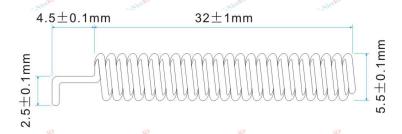
• Interface form: welding directly

Antenna Color: copper

• Weight: 2 g

• Wire diameter: 0.8mm

#### 3. Size



#### 4. VSWR Chart

Antennas have been tested under wireless simulated environment by USA HP Network Analyzer

Frequency: 434 MHz

RL:20.32dB

SWR: 1.062

