

# Antenna Specification

## APPROVAL SHEET

mane RF antenna

model ANT433M

RF 433M

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MANUFACTURER Dongguan Saishuo Electronics Co.Ltd

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Tel 0769-89616716

We statement that All measurements were performed radiated and  
therefore additional antenna gain documentation is not required.

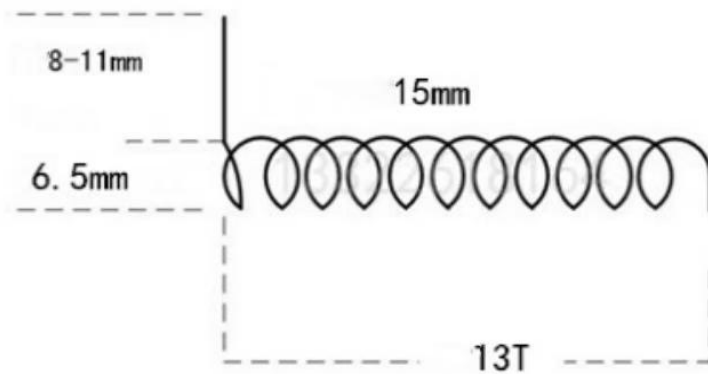
## Product shape and structure

Product	RF antenna	model	ANT433M	weight	About0.7g
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### 一、Exterior Pictures



### 二、structural drawing:



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# Product, Electrical Specification Sheet

Product	RF antenna	model	ANT433M	color	black
specification	<p>The antenna, when straightened, is approximately 24cm in length, with a coil diameter of about 6.5mm. One end has a tin-stripped section of 3.5mm, and the tail has a soldering length reserved of about 8-11mm. The copper wire has a diameter of 0.5mm and an outer diameter of 1.07mm, which can generally be used on both receiving and transmitting modules.</p>				
RF range	433MHZ				
Stangding wave radio	< 1 . 8				
Antenna Gain	3 dbi				
Input impedance	50 (OHM)				
interface type	Directly soldered onto the PCB				
test content	Experimental Results and Performance				
Rated Operating Voltage	DC3.3-5V				
Temperature Operating Test	- 10℃ ~ +45℃				
Thermal Stress Test	< -30℃ 或 > +60℃				
Drop Test	<p><b>A single unit dropped from a height of 70cm onto a wooden floor surface, with functionality remaining intact.</b></p>				
Reception Range	100-4000 meters, typically 100-2500 meters				
Vibration Test	<p>Following exposure to various levels of vibration, the functionality remains operational.</p>				
insulation test	>50 M Ω				
External Dimensions	24*6.5*15mm				
material	copper				
Compatibility Test	Generally suitable for 433MHz and 2.4GHz, etc.				