

RECEIPT

APPROVAL SHEET

mane RF antenna
model ANT315M
RF 315M 433M 2.4G

customer	to examine	develop
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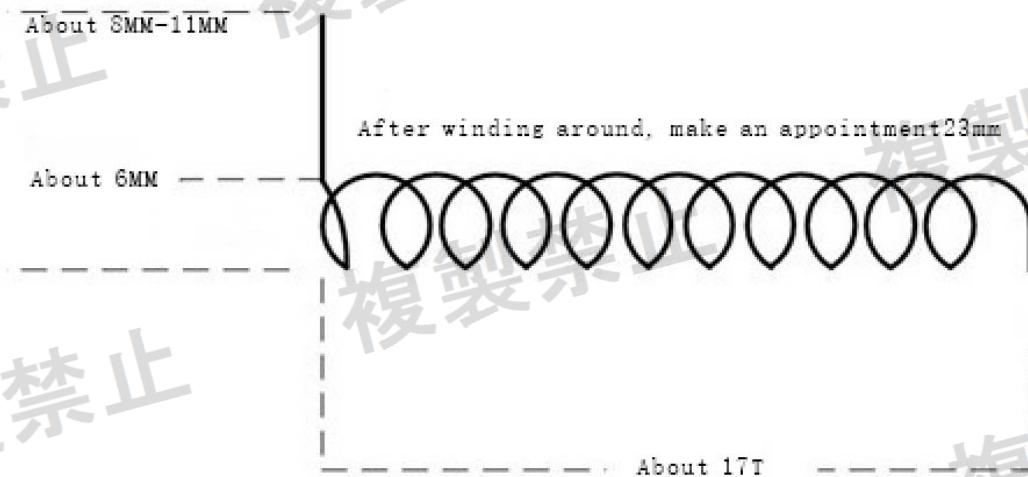
Product appearance structure

product	rf antenna	model	ANT315M	weight	0.9g
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一、Appearance picture:



二、Structural diagram:



Product and Electrical Specifications

product	rf antenna	model	ANT315M	colour	Black or white
Specifications	The straight length of this antenna is about 25cm, the winding diameter is about 6mm, one end is stripped of tin by about 3mm, and the reserved welding length at the tail is about 8-11mm; Copper wire with a diameter of 0.5mm and an outer diameter of 1.3mm can be used on both receiving and transmitting modules. If the distance requirement is high, the antenna can be straightened.				
frequency range	315MHz				
standing-wave ratio	< 1.8				
gain	2dBi Max				
Input impedance	50 (OHM)				
Interface method	Directly solder onto PCB				
Test content	Experimental results and performance				
rated operational voltage	DC3.3-5V				

Operating temperature test	- 10℃ ~ +45℃
Destructive temperature test	< -30℃ 或 > +60℃
Drop test	75CM high monomer falls onto the wooden floor surface, function OK
receive distance	100-4000 meters, usually 100-2500 meters
Vibration experiment testing	After different levels of vibration, the function is OK
insulation test	>50 megaohms
outline dimension	23*6*15mm
Material Science	Tinned Copper
compatibility testing	Generally applicable to 315 and 433, 2.4G, etc