

Antenna Specification Document

To be acknowledged by the customer

Customer Name: _____ **Customer Lot Number:** _____

Product Name: _____

Sample submission number: _____

The material of the antenna tube is 201 stainless steel, the base and antenna cap are made of zinc alloy, the 1.92MM tube is made of stainless steel, and the spring is made of iron. The antenna surface is polished, with a total length of 242MM when pulled out and 70MM when retracted

Qualified		Reject	
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Manufacturer: Shenzhen Zhianbao Electronics Co., Ltd.

Address: Building 6, HuaFu Industrial Park, Langkou Community, Dalang
Subdistrict, Longhua District, Shenzhen, Guangdong, China

The main parameters of this product are shown on the next page

requirement	Inspection Item	requirement	Discrimination criteria
1	Size	The size requirements of TL antenna meet the drawings provided by the customer	AQL=0.65
2	appearance	The surface should be free of obvious scratches, patterns, dents, cracks, peeling, exposed substrate, rust and other defects	AQL=2.5
3	curvature	The antenna should be fully deployed in a horizontal state, and the downward curvature of the antenna should be less than or equal to 3% per meter	AQL=0.65
4	Antenna feel	The antenna should have a comfortable feel, suitable elasticity, and no obvious abnormal sounds such as jamming	AQL=2.5
5	Collecting and expanding power	The maximum expansion force between each section of the antenna should be less than 12N, and the maximum expansion force should be greater than 2N. Jumping phenomenon is allowed to be observed during the expansion process	AQL=1
6	contact resistance	DC contact resistance less than 0.5 Ω	AQL=1
7	Axial force	The axial bearing force of the fully deployed antenna should be greater than 48N	AQL=0.65
8	Assembly	The riveting of the antenna tube to the base and top cap should not be loose	AQL=0.65
9	frequency	450-860 (MHZ) length 300MM, 75 (Ω)	AQL=0.65
10	Gain value	2dBi	AQL=0.65
11	Antenna type	Telescopic whip monopole antenna	

Antenna size

Unit:mm

