

Shenzhen Dongmingda Industrial Co., Ltd.

Antenna Specification Sheet

Customer Acknowledgment

customer name: _____ Customer No.: _____ Batch _____

Product Name: telescopic antenna Sample Number: _____

The antenna tube is made of 201 stainless steel, the base and antenna cap are made of zinc alloy, and the spring element is made of iron.

(The antenna surface is polished.)

Qualified		Rejection	
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The main specifications of this product are provided on the following page.

Order number	Inspecting item	Ask	Criteria for Determination
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1	Size	The dimensions of the TL-type antenna must comply with the drawings provided by the customer.	AQL=0.65
2	Surface	The surface shall be free of obvious defects such as abrasions, streaks, indentations, cracks, peeling, exposure of the substrate, or corrosion.	AQL=2.5
3	Bending	When the antenna is fully deployed in a horizontal position, its downward curvature shall be less than or equal to 3% per meter.	AQL=0.65
4	Antenna feel	The antenna should feel comfortable to handle, have appropriate tension, and exhibit no abnormal noises caused by noticeable jamming.	AQL=2.5
5	Contraction force	The maximum tension between any two sections of the antenna shall be less than 12 N, while the maximum tension shall exceed 2 N; during the tensioning process, the occurrence of section skipping is permitted.	AQL=1
6	Contact resistance	The DC contact resistance is less than 0.5 Ω .	AQL=1
7	Axial loading	The total axial load on the entire unfolded antenna shall exceed 48 N.	AQL=0.65
8	Assemble	The riveting of the antenna tube to the base and the top cap shall not loosen.	AQL=0.65
9	Frequency	315–860 MHz, length 300 mm, 75 Ω	AQL=0.65
10	Yield value	2db	AQL=0.65

