

Antenna Specification

DESCRIPTION: 1. 13-wire 2.4G copper tube antenna with a L275mm tail stripped.5-3-2

PART NO.: F010-000976

CUS PART NO.:

D A T E: 2026-07-01

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ENGINEERING DEPARTMENT	Q C DEPARTMENT	SALES DEPARTMENT

Customer acknowledges and affixes its seal

ENGINEERING DEPARTMENT	Q C DEPARTMENT	PURCHASING DEPARTMENT

Manufacturer:	NetEase Link (Huizhou) Technology Co., Ltd.
Address:	19th Floor, Building 1, Xunyang High-Tech Park, Jiangjun Road, Chayuan Village, Qiuchang Town, Huiyang District, Huizhou City

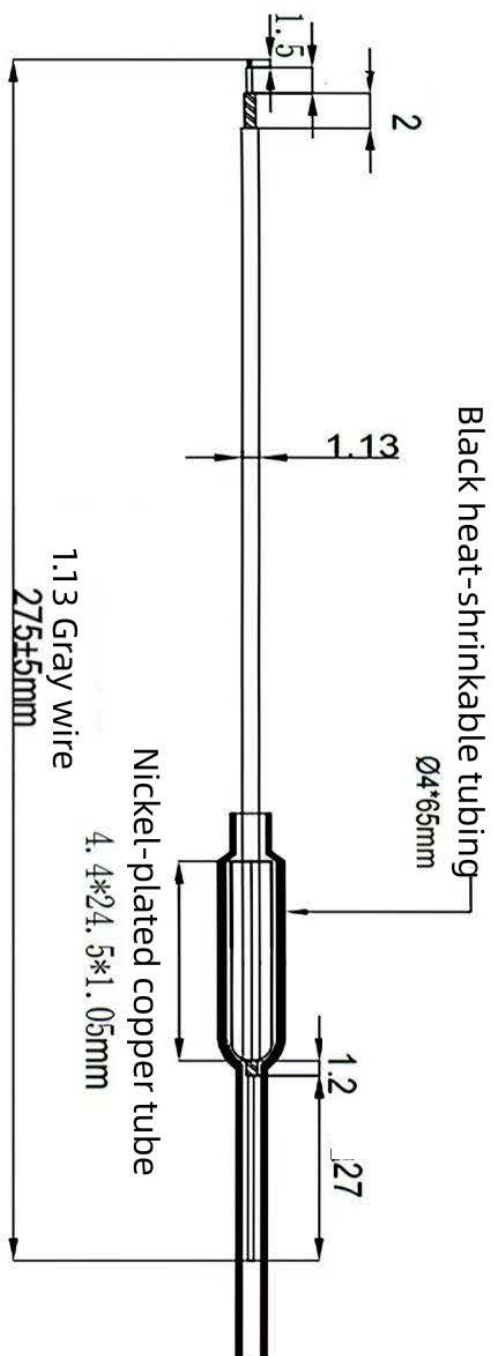
Electrical technical parameters

		Electrical Specifications	
/	/	Frequency Range	2400-2500MHz
/	/	VSWR	<2.0
/	/	Input Impedance	50 Ω
/	/	GAIN	1. 95DBi
		Mechanical Specifications	
/	/	Antenna Color	Gray
/	/	Cable length	275mm
/	/	Working Temperature	-20℃ ~+75℃
/	/	Working Humidity	20~80%

Environmental performance testing:

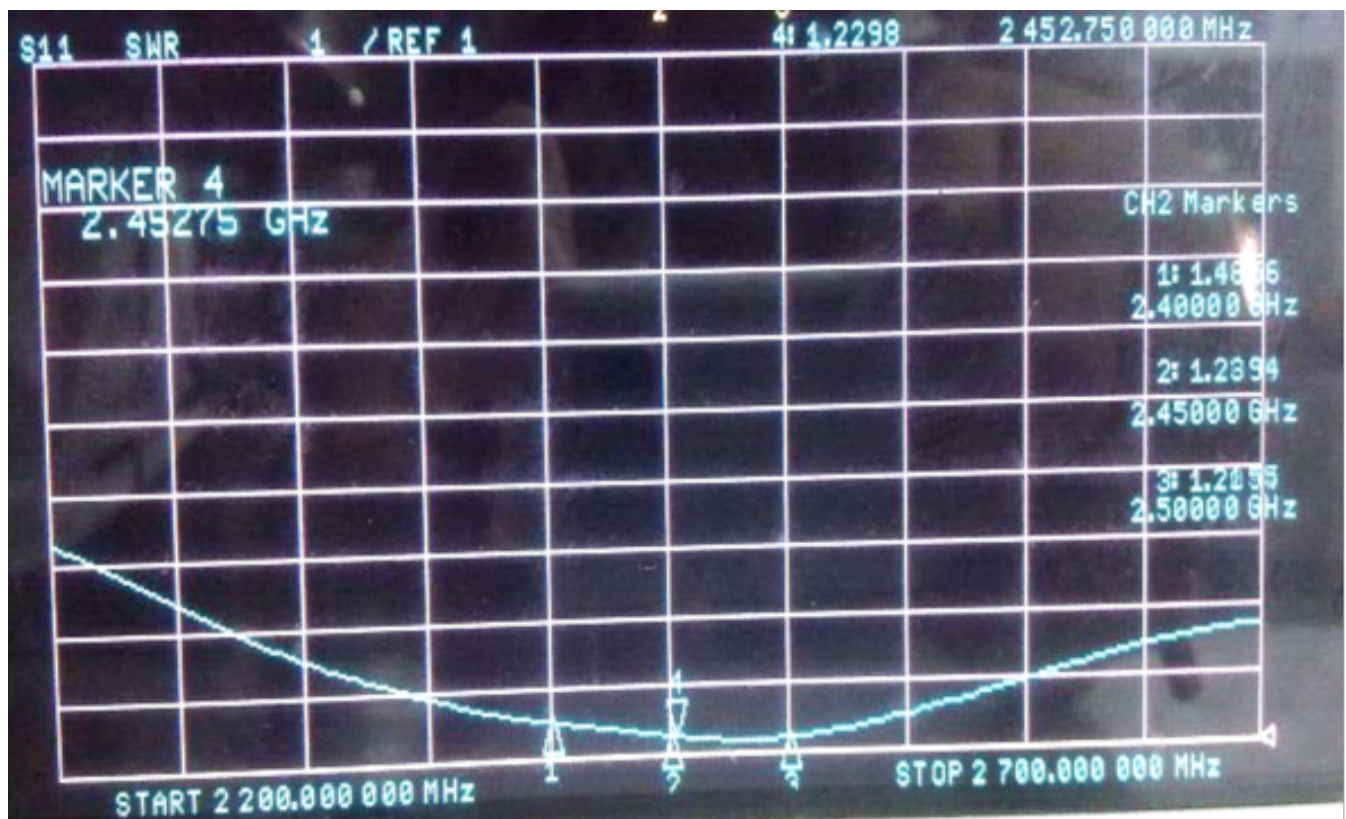
Item	Test conditions	Specification
Storage	The test temperature, humidity, and air pressure are as follows without specific instructions: 1. The temperature ranges from -30℃ to +80℃ 2. Relative humidity is 45%-85% 3. The air pressure ranges from 86kPa to 106kPa	The electrical and mechanical properties are normal
High and Low Temperature Test	Conduct 5 cycles between 70℃ and 40℃, then under normal conditions for 1-2 hours, inspect the appearance and quality.	The dimensions should comply with the specified requirements and meet the mechanical and electrical performance standards
Resistance to constant damp heat test	Relative humidity: 95±3%, experimental temperature: 40℃. After a continuous exposure of 2 hours, the electrical performance of the test sample should be tested within 5 minutes after removal. The appearance and quality of the test sample should be inspected under normal conditions for 1-2 hours.	The dimensions should comply with the specified requirements and meet the mechanical and electrical performance standards
Vibration test	Vibration frequency range: 10-55HZ, displacement amplitude: 0.35MM, acceleration amplitude: 50.0M/S, frequency scanning cycle count: 30 times	The electrical and mechanical properties are normal
Drop test	Free fall from a height of 1 meter in three mutually perpendicular axial directions	The electrical and mechanical properties are normal

Product drawing:



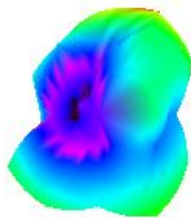
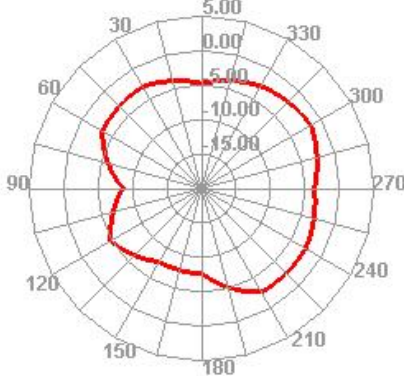
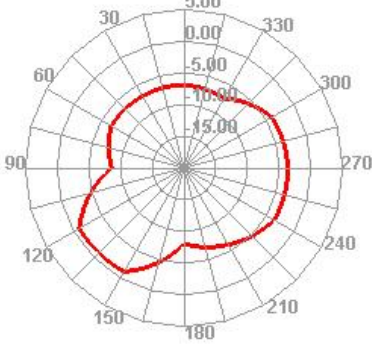
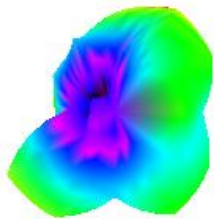
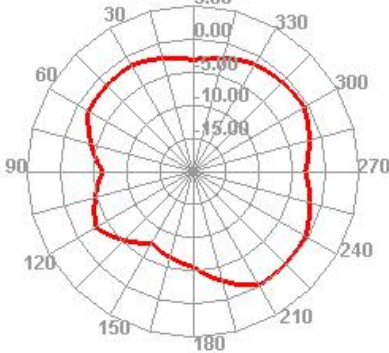
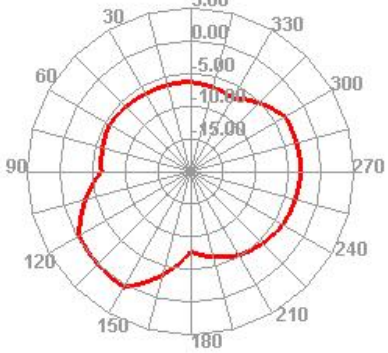
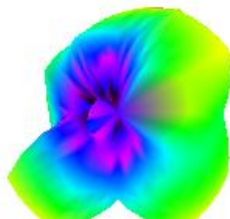
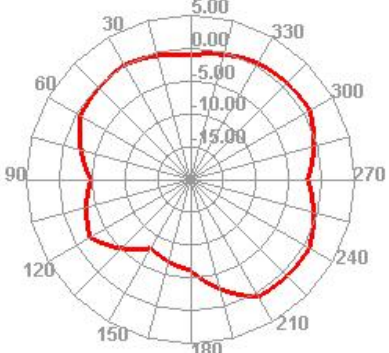
REV	DATE	DESCRIPTION	NAME
A1			
A2			

tolerance General 0~1 ±0.1 1~10 ±0.3 11~30 ±0.5 31~100 ±0.8 101~300 ±1.0 301~ ±2.0 ANGULAR ±1° 		(PRODUCT NAME)		2.4G copper tube antenna, L1.3_gray wire, length 275mm		
		(PART NAME)		F010-000976		
		(CUS PART NAME)				
		(DRAW)		(REV)	A0	
		(CHECK)		(DATE)	2026-07-01	
(APP.)		(PAGE)	1/1			



Bill of Materials

Component Number	Component Name	Main material	Quantity	Unit	Color
1	Wire	RF1.13 Gray	1	PCS	Gray
2	Copper pipe	Nickel-plated copper tube 4.4*24.5*1.05mm	1	PCS	Silvery

Network Analyzer Test Report		
2.4G	Gain: 1.66dBi	Efficiency: 58.3%
2400.000MHz 	2400.000MHz H 	2400.000MHz E2 
2.45G	Gain: 1.85dBi	Efficiency: 65.5%
2450.000MHz 	2450.000MHz H 	2450.000MHz E2 
2.5G	Gain: 1.95dBi	Efficiency: 68.4%
2500.000MHz 	2500.000MHz H 	2500.000MHz E2 