

Antenna Specifications

At Wavelink, our aim is to provide timely and comprehensive services to our customers. If you require any assistance, please contact our headquarters:

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Wavelink Certifications:



Wavelink Partners:

Skyworth **NARI**

flex

 **HUAWEI**

 **VVDN**
TECHNOLOGIES

Tenda **Infinova**

dji

Hikvision

JABIL

Catalogue

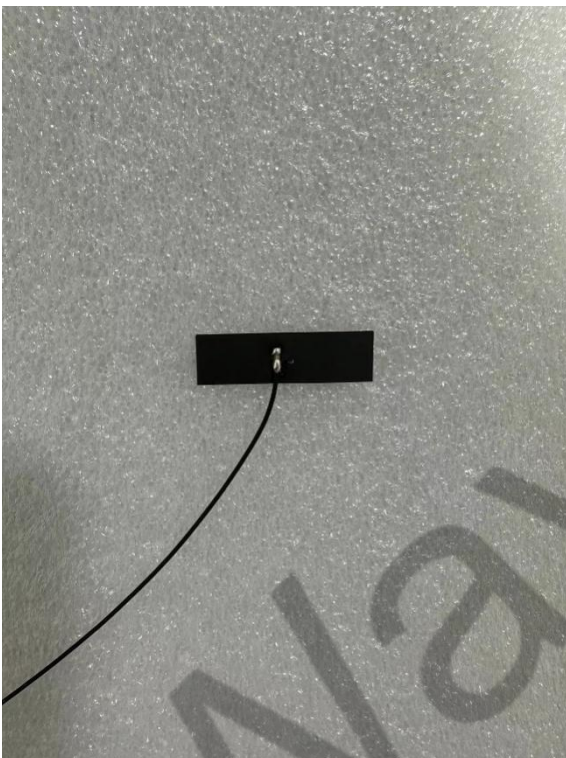
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1 Product Description

This wavelink antenna covers WiFi2.4.

2 Product Features

Easy to install
High efficiency
Removable



3 Product Specifications

Passive Electrical Specifications

Frequency Range	2400-2500 MHz
Input Impedance	50 Ω

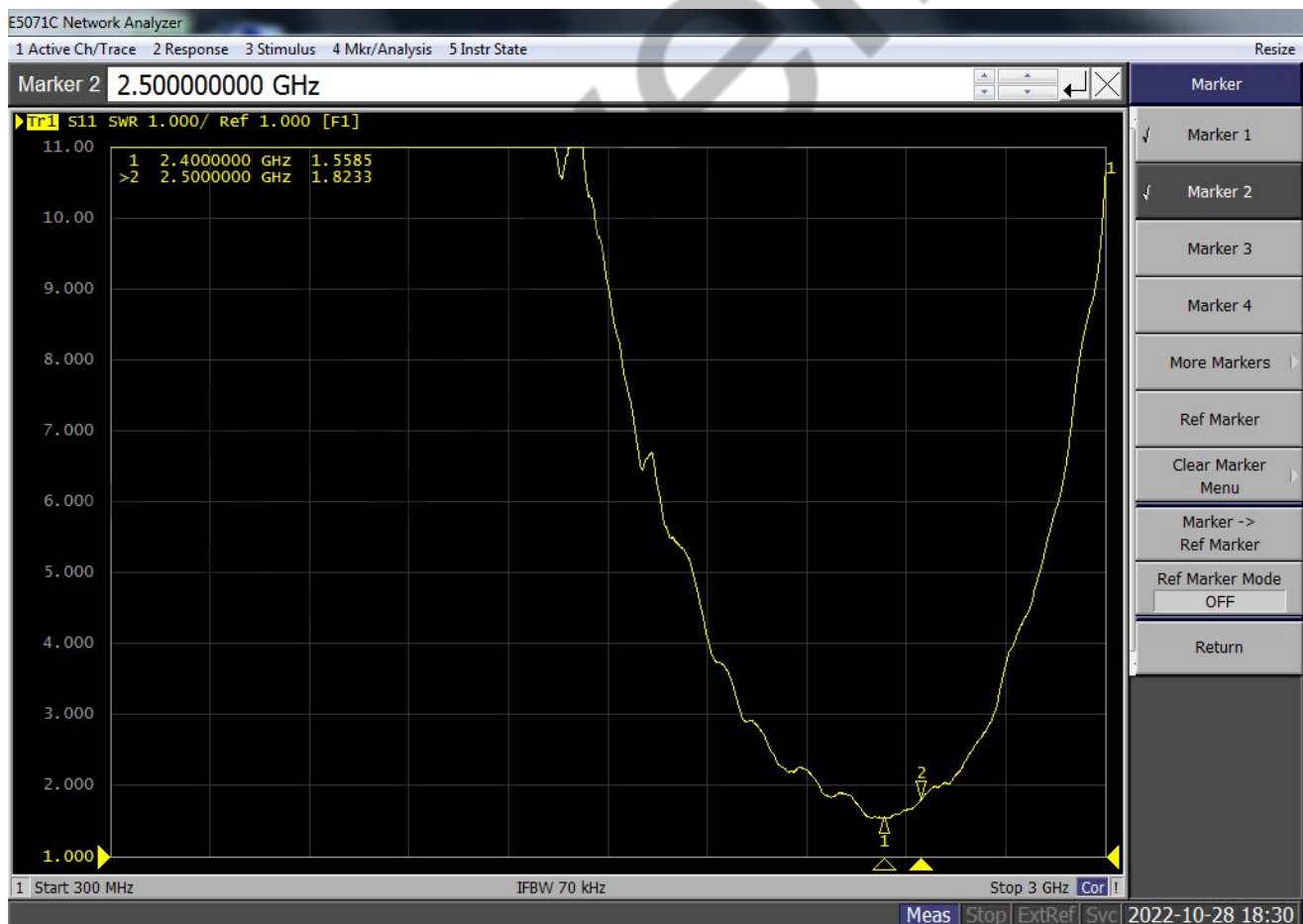
VSWR	≤ 2
Gain	≤ 3 dBi
Polarization Type	Linear

Mechanical Specifications

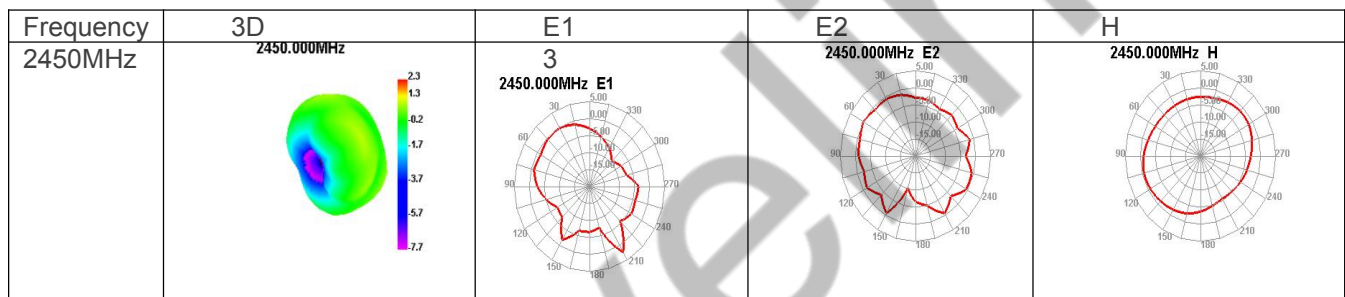
Antenna Size	42mm × 12mm
Casing	FPC
Connector Type	IPG1
Working Temperature	-40 °C to +85 °C
Radome Color	Black

4 Overall Performance

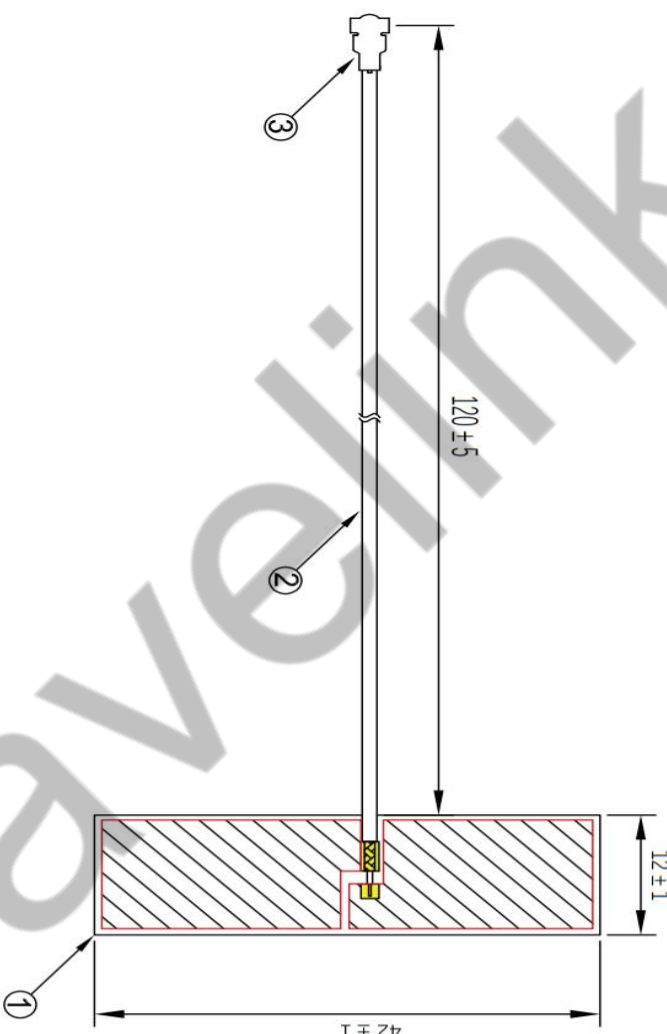
KEYSIGHT VNA Network Analyzer E5071C 100 kHz – 8.5 GHz



Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Directivity (dBi)	AttH (dB)	AttV (dB)
2400	51.25	-2.9	1.83	-0.32	1.83	-13.94	2.9	46.78	46.66
2410	48.79	-3.12	1.59	-0.56	1.59	-13.88	3.12	46.54	46.47
2420	53.44	-2.72	2.04	-0.11	2.04	-14.24	2.72	46.78	46.77
2430	53.28	-2.73	2.09	-0.06	2.09	-14.39	2.73	46.65	46.52
2440	53.19	-2.74	2.11	-0.04	2.11	-13.63	2.74	46.79	46.73
2450	56.35	-2.49	2.34	0.19	2.34	-13.18	2.49	46.92	46.83
2460	56.61	-2.47	2.3	0.15	2.3	-13.95	2.47	47.02	46.93
2470	53.84	-2.69	1.99	-0.16	1.99	-13.96	2.69	46.82	46.7
2480	55.66	-2.54	2.01	-0.14	2.01	-13.07	2.54	47.15	47.03
2490	59.42	-2.26	2.19	0.04	2.19	-12.89	2.26	47.25	47.04
2500	55.21	-2.58	1.78	-0.37	1.78	-13.15	2.58	47.08	46.9



5 Product Size

		A		B		C		D		E		F		G	
												REV		DATE	
												X1		2018.04.19	
														DESCRIPTION	
															
Specification: Frequency Range: 2.4GHz Free space VSWR: <2															
CUSTOMER'S SIGNATURE												APPROVED XX, ± 3.0 X, ± 2.0 .X, ± 1.0 .XX, ± 0.5 .XXX, ± 0.1			
												CHECKED WSY			
												CUSTOMER: PART NO. : PARTNAME: WAVELINK P/NO. : WIL-24001F4212-120			
												REV UNIT FILE SHEET : 1/1			
												NO DESCRIPTION QTY REMARK			
												3 CONN RF 1.13 Connector 1 2 Cable RF1.13 1 1 FPC 42*12mm,Black 1			
												昆山市海壹电子有限公司 Kunshan Wavelink Electronic Co.,Ltd.			