

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:

2nd Floor, Building D, No. 88 Tongqiu Road, ZhangPu Town, Kunshan City, Jiangsu Province, China

Tel: +86-512-57449488

Email: sales@kswavelink.com

Wavelink Certifications:



Wavelink Partners:

Skyworth **NARI**

flex

 **HUAWEI**

 **VVDN**
TECHNOLOGIES

Tenda **Infinova**

dji

Hikvision

JABIL

Catalogue

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Wavelink

1 Product Description

This wavelink antenna covers GSM.

2 Product Features

Easy to install
High efficiency
Removable



3 Product Specifications

Passive Electrical Specifications

Frequency Range	824-960 MHz 1710-2170MHz
Input Impedance	50 Ω

VSWR	≤ 4
Gain	≤ 4 dBi
Polarization Type	Linear

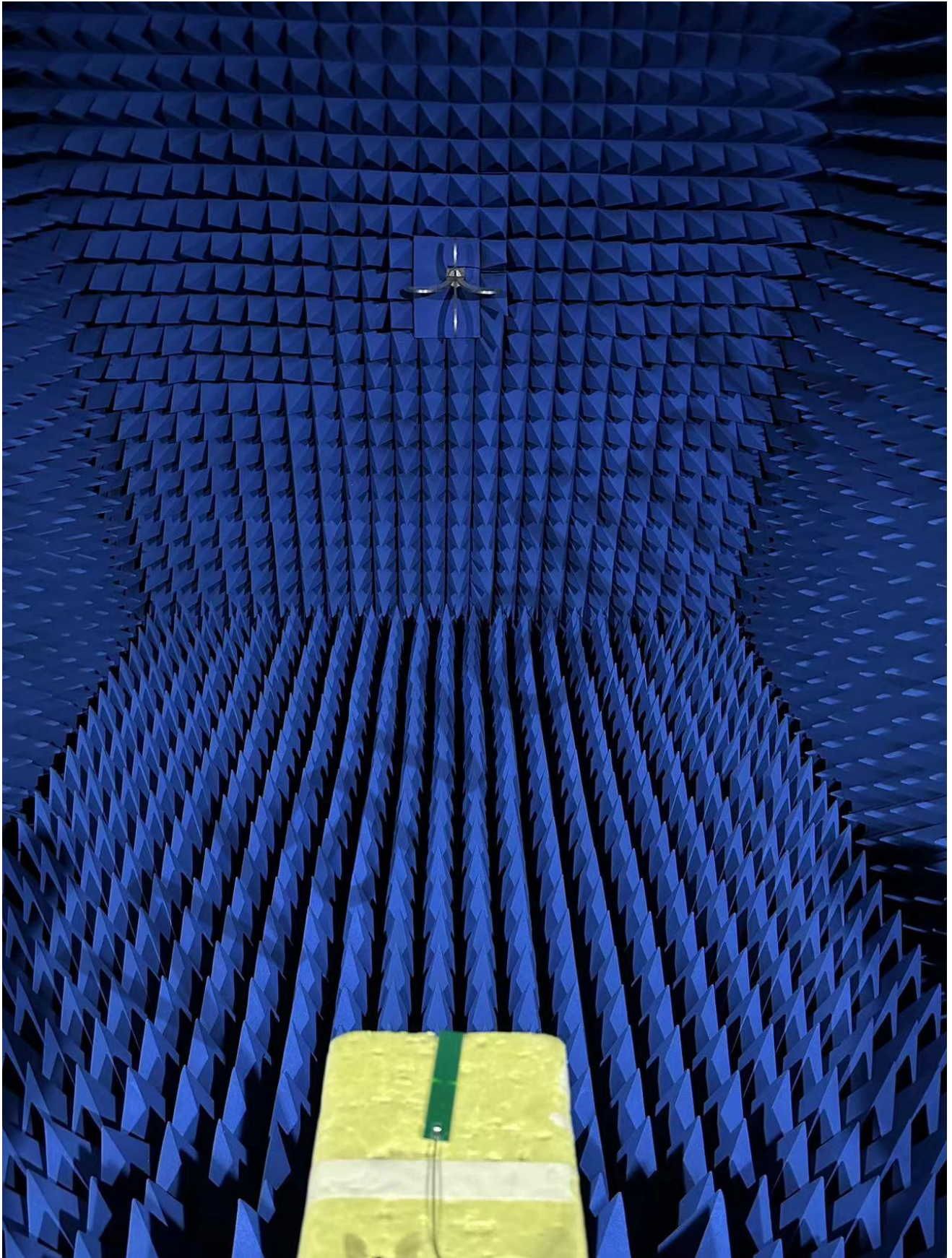
Mechanical Specifications

Antenna Size	70mm × 15mm
Connector Type	I-PEX
Working Temperature	-40 °C to +85 °C
Casing	PCB

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)
820	12.05	-9.19	-5.75	-7.9	-5.75	-19.95	3.44	37.56	37.65
830	13.47	-8.71	-5.33	-7.48	-5.33	-19.49	3.38	38.01	38.02
840	13.12	-8.82	-5.66	-7.81	-5.66	-20.11	3.16	37.66	37.69
850	14.39	-8.42	-5.34	-7.49	-5.34	-20.69	3.08	37.95	37.95
860	17.58	-7.55	-4.55	-6.7	-4.55	-20.98	3	38.46	38.51
870	17.3	-7.62	-4.4	-6.55	-4.4	-21.98	3.22	38.56	38.57
880	17.37	-7.6	-4.18	-6.33	-4.18	-21.58	3.42	39.13	39.13
890	20.46	-6.89	-3.34	-5.49	-3.34	-19.44	3.55	39.4	39.39
900	18.73	-7.28	-3.66	-5.81	-3.66	-18.65	3.62	39.82	39.71
910	20.95	-6.79	-3.4	-5.55	-3.4	-17.69	3.38	40.04	39.93
920	22.01	-6.57	-3.38	-5.53	-3.38	-17.31	3.19	40.17	40.07
930	23.39	-6.31	-2.91	-5.06	-2.91	-17.35	3.4	40.36	40.22
940	26.49	-5.77	-2.14	-4.29	-2.14	-17.15	3.63	40.37	40.21
950	26.75	-5.73	-2.13	-4.28	-2.13	-17.55	3.6	40.51	40.23
960	27.55	-5.6	-2.04	-4.19	-2.04	-18.68	3.56	40.26	39.96
1710	53.74	-2.7	2.71	0.56	2.71	-21.69	5.4	42.41	42.5
1720	50.12	-3	2.2	0.05	2.2	-20.06	5.2	42.24	42.31
1730	49.9	-3.02	2.18	0.03	2.18	-17.66	5.2	42.06	42.19
1740	59.9	-2.23	2.89	0.74	2.89	-16.1	5.11	42.71	42.9
1750	60.44	-2.19	2.99	0.84	2.99	-15.64	5.18	42.75	42.88
1760	60.43	-2.19	3.09	0.94	3.09	-17.16	5.28	42.78	42.9
1770	60.79	-2.16	3.2	1.05	3.2	-19.33	5.37	42.99	43.01
1780	59.18	-2.28	3.2	1.05	3.2	-20.98	5.48	42.84	42.92
1790	59.27	-2.27	3.21	1.06	3.21	-21.56	5.48	42.72	42.8
1800	55.76	-2.54	3.06	0.91	3.06	-21.51	5.6	42.62	42.74
1810	62.96	-2.01	3.62	1.47	3.62	-21.27	5.63	42.94	43.1
1820	57.77	-2.38	3.33	1.18	3.33	-21.62	5.71	42.81	42.89
1830	59.03	-2.29	3.49	1.34	3.49	-22.08	5.78	42.95	42.99
1840	61.72	-2.1	3.82	1.67	3.82	-22.12	5.92	43.3	43.22
1850	59.38	-2.26	3.71	1.56	3.71	-22.13	5.97	43.34	43.21
1860	64.51	-1.9	4.01	1.86	4.01	-21.98	5.92	43.55	43.42
1870	57.47	-2.41	3.37	1.22	3.37	-22.21	5.78	43.39	43.24
1880	58.17	-2.35	3.25	1.1	3.25	-21.41	5.6	43.41	43.26
1890	56.5	-2.48	2.91	0.76	2.91	-20.22	5.39	43.39	43.23
1900	57.17	-2.43	2.86	0.71	2.86	-21.51	5.29	43.4	43.23
1910	57.53	-2.4	2.82	0.67	2.82	-22.3	5.22	43.53	43.29
1920	58.34	-2.34	2.88	0.73	2.88	-21.23	5.22	43.68	43.56
1930	58.03	-2.36	2.85	0.7	2.85	-19.53	5.21	43.82	43.66
1940	53.76	-2.7	2.46	0.31	2.46	-18.17	5.15	43.64	43.54
1950	52.79	-2.77	2.34	0.19	2.34	-17.98	5.12	43.69	43.62
1960	53.43	-2.72	2.4	0.25	2.4	-17.85	5.12	43.61	43.5
1970	47.3	-3.25	1.91	-0.24	1.91	-17.94	5.16	43.6	43.5

1980	48.96	-3.1	2.06	-0.09	2.06	-16.8	5.17	43.65	43.62
1990	48.16	-3.17	1.99	-0.16	1.99	-15.74	5.17	43.8	43.76
2000	50.85	-2.94	2.2	0.05	2.2	-15.48	5.13	44.07	44.09
2010	54.86	-2.61	2.57	0.42	2.57	-14.59	5.18	44.5	44.61
2020	51.63	-2.87	2.44	0.29	2.44	-14.18	5.31	44.48	44.56
2030	53.16	-2.74	2.69	0.54	2.69	-14.8	5.43	44.6	44.76
2040	49.81	-3.03	2.47	0.32	2.47	-16.3	5.5	44.55	44.67
2050	50.26	-2.99	2.51	0.36	2.51	-18.48	5.5	44.46	44.6
2060	49.73	-3.03	2.35	0.2	2.35	-19.91	5.38	44.56	44.67
2070	48.81	-3.11	2.11	-0.04	2.11	-17.1	5.23	44.55	44.64
2080	48.63	-3.13	2.08	-0.07	2.08	-19.22	5.21	44.51	44.7
2090	47.85	-3.2	2.15	0	2.15	-21.37	5.35	44.47	44.66
2100	46.21	-3.35	2.13	-0.02	2.13	-24.53	5.48	44.59	44.83
2110	55.13	-2.59	2.95	0.8	2.95	-23.68	5.54	44.8	44.98
2120	52.4	-2.81	2.72	0.57	2.72	-22.79	5.53	44.86	45.02
2130	53.36	-2.73	2.74	0.59	2.74	-21.31	5.47	44.83	44.9
2140	52.47	-2.8	2.61	0.46	2.61	-20.22	5.41	44.8	44.9
2150	54.25	-2.66	2.69	0.54	2.69	-19.07	5.35	44.91	45
2160	55.38	-2.57	2.83	0.68	2.83	-17.81	5.4	44.83	44.89
2170	53.72	-2.7	2.77	0.62	2.77	-18.81	5.47	45.01	45.18

