

Shenzhen Kewei Antenna Design Co. , Ltd
Room 305, Building C, Chengshi Shanhai Center, No.11 Zhongxing Road, Ma'antang Community, Bantian Subdistrict, Longgang District, Shenzhen City, Guangdong Province, P. R. China

ANTENNA SPECIFICATION

Product description: 2.4G ceramic Antenna

Uni Link's part number: CS-2450-16-B

Issue Date: 2026.04.03

Note: 2400-2500MHZ

1、（PRODUCT TECHNICAL SPECIFICATION）

Electrical Specifications	
Frequency Range (MHz)	2400-2500
Input Impedence (Ω)	50
V. S. W. R	≤ 2
Gain(dBi)	-2.03max
Polarization Type	Linear
Power Capacity (w)	/
Mechanical Specifications	
Antenna Length (mm)	NC
Radiator	ceramic
Connect Type	SMT
Working Temp($^{\circ}\text{C}$)	-40~85
Storage Temperature($^{\circ}\text{C}$)	+5 ~ +40 $^{\circ}\text{C}$
antenna size	1.6*0.8*0.4mm

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Weight (g)

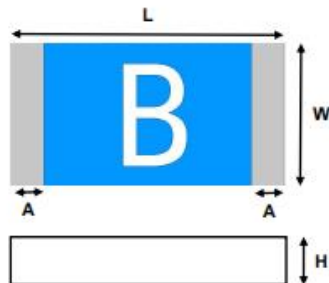
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2、PRODUCT PICTURE



CS-2450-16-B

3、PRODUCT SPECIFICATION CHART



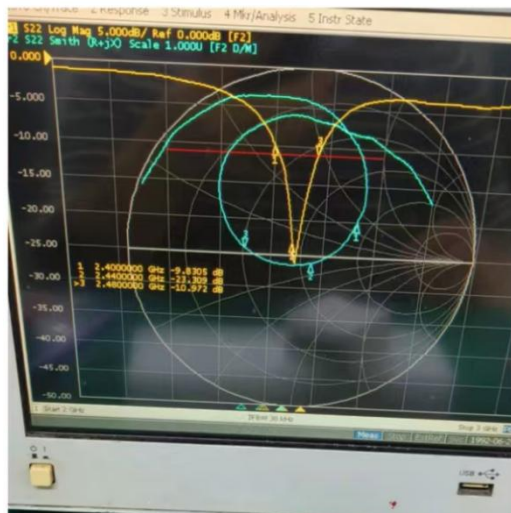
Units:mm

L	W	H	A
1.60±0.20	0.80±0.20	0.40±0.10	0.2±0.07

4、Image of antenna field shape test

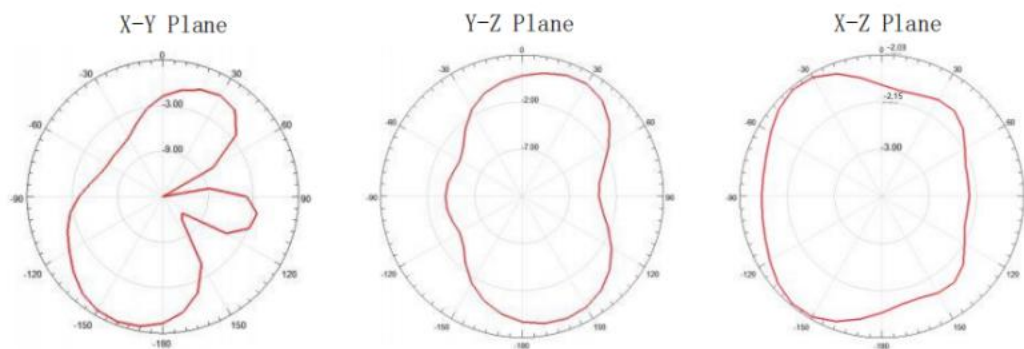
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Frequency	Effic	Percen	Gain
2400	-5.88371	25.80054%	-3.96157
2410	-5.61911	27.42136%	-3.70191
2420	-5.34358	29.21746%	-3.39059
2430	-4.78626	33.21801%	-2.63727
2440	-4.67085	34.11262%	-2.30563
2450	-4.75724	33.44078%	-2.15164
2460	-4.82079	32.95501%	-2.03175
2470	-5.29933	29.51665%	-2.31091
2480	-5.51486	28.08757%	-2.31753
2490	-5.95188	25.39875%	-2.42235
2500	-6.58863	21.93495%	-2.8405

2D Gain Pattern



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