



Dongguan RF Electronic Technology Co.,Ltd
Address: No.1, Qinghutou Sankeng Road, Tangxia Town, Dongguan City

Fax: 0769-38940199

Telephone: 0769-38940168
Website: www.rflink.net.cn

PRODUCT SPECIFICATION

Product Name: 2.4GHz FPC exposed =170mm

Rf link P/N: U00T02S000N01372

Internal Structure: FPC

Rev: A

Date: 2023-02-28

	RFLNK	CUSTOMER
APPROVED:	Yao Ding Jun	
CHECKED:	Huang Chao	
MADE:	Yang Zhen	



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1.Datasheet

(Electrical Specification)			
Working Frequency (MHz)	2400-2500	System Impedance (Ω)	50
Working Bandwidth (MHz)	100	Return Loss (dB)	/
VSWR	≤ 2.0	Peak Gain (dBi)	2.84
Average Gain (dBi)	/	Radiation Efficiency (%)	/
Radiation Directivity	Omni-directional	Out of Roundness (dBi)	/
Polarization	Linear, Vertical	Power Capacity (w)	10
(Mechanical Specifications)			
Dimensions (mm)	17.9*25.8	Plastic Color	/
Plastic Material	/	Cable Category	$\Phi 1.13$
Radiator structure	/	Connection Type	MHF Plug
Working Temperature	$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$	Storage temperature	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$

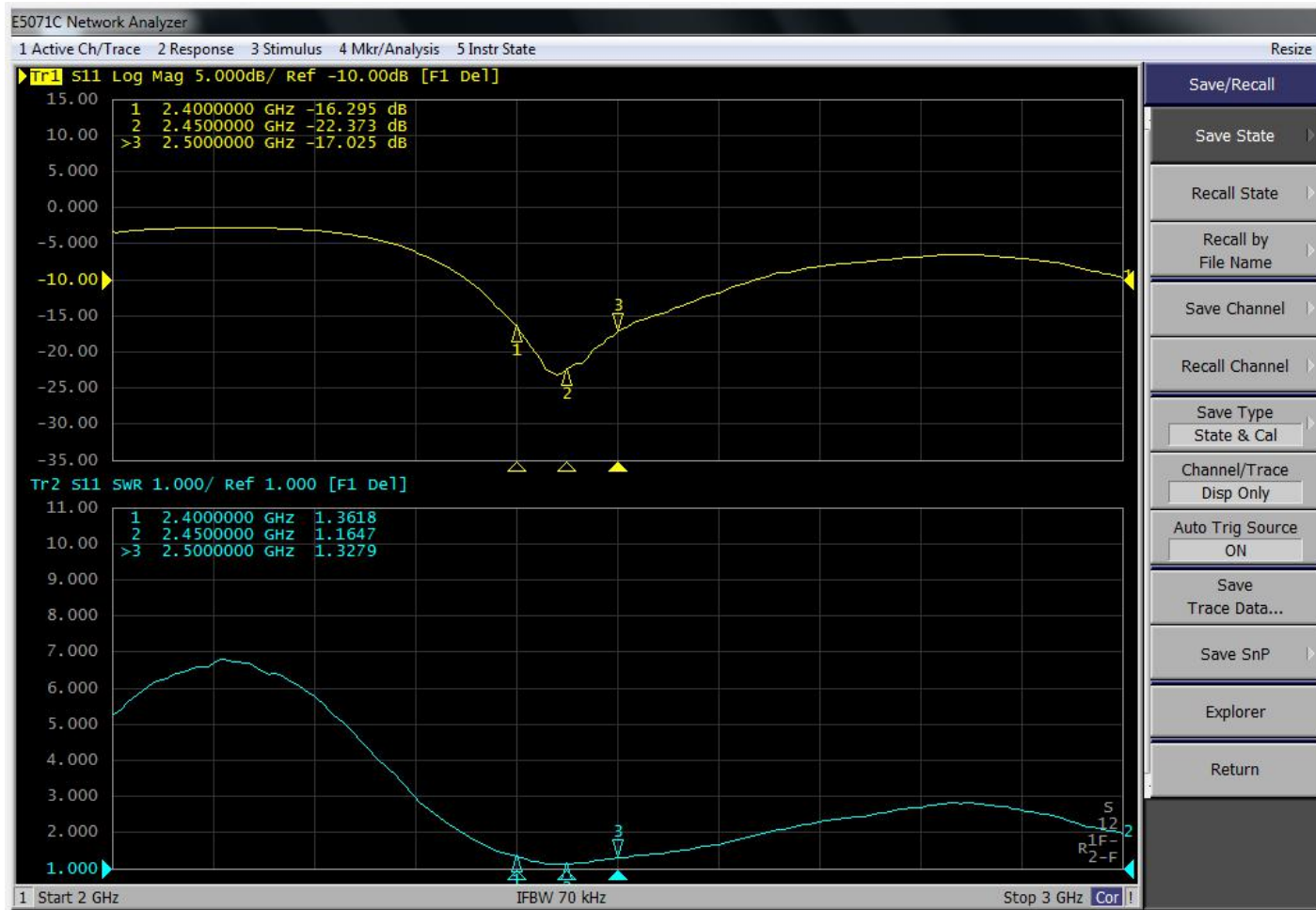
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Project

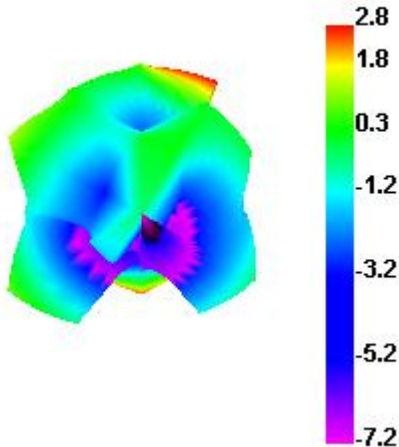
Return Loss-ANT



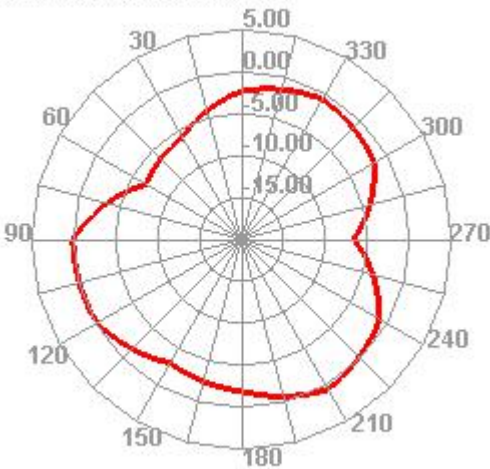
Project

2D/3D Pattern-ANT

2400.000MHz

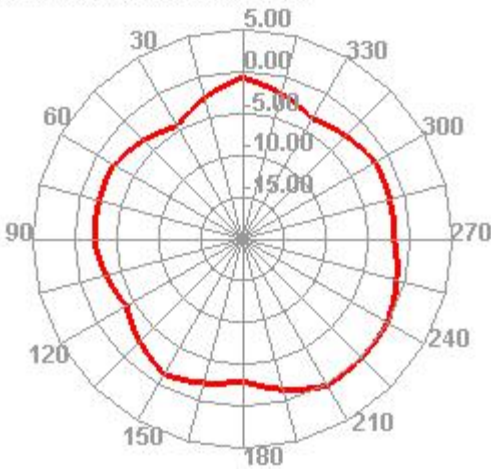


2400.000MHz H

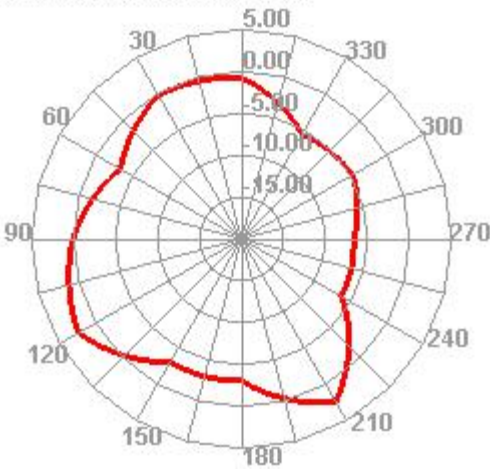


2.4G

2400.000MHz E1



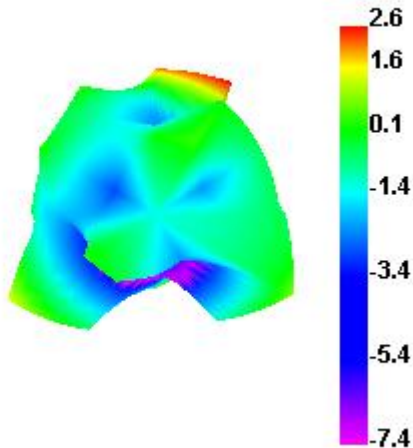
2400.000MHz E2



Project

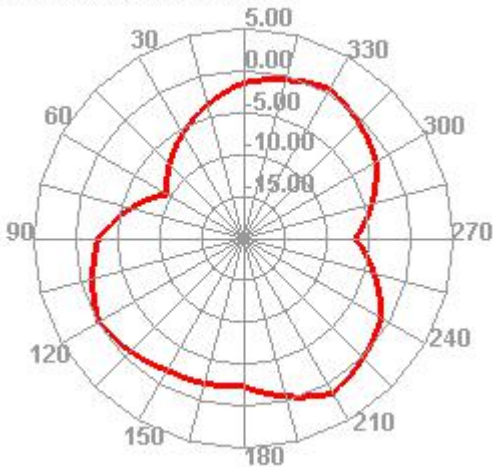
2D/3D Pattern-ANT

2450.000MHz

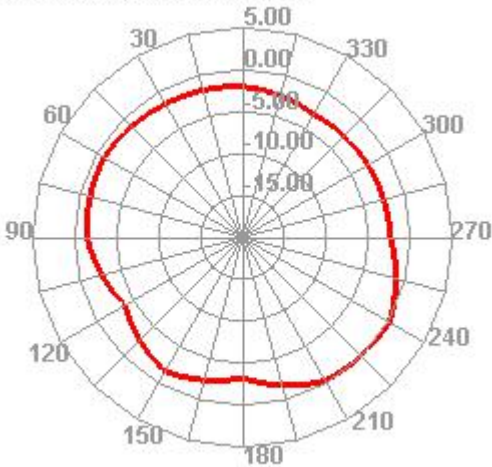


2.45G

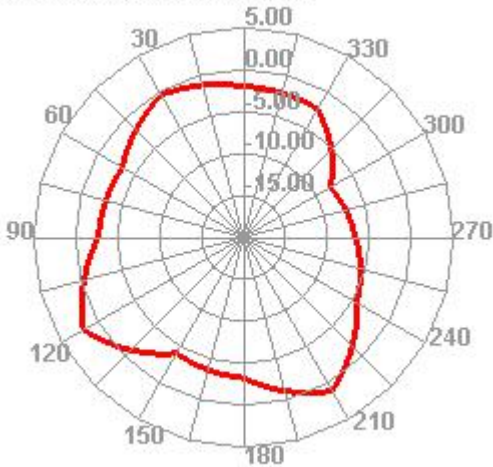
2450.000MHz H



2450.000MHz E1



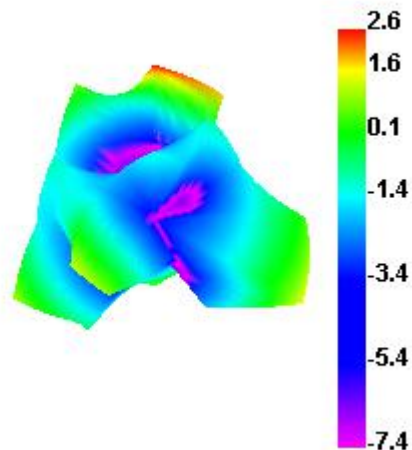
2450.000MHz E2



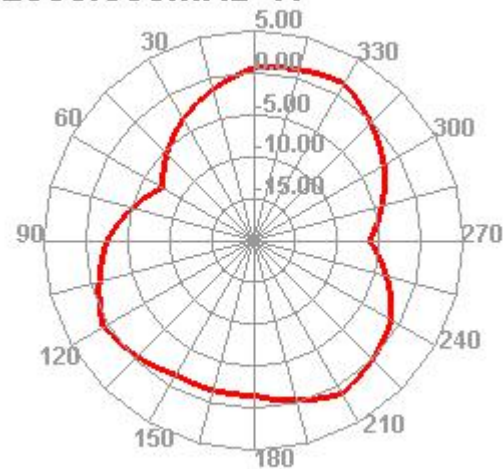
Project

2D/3D Pattern-ANT

2500.000MHz

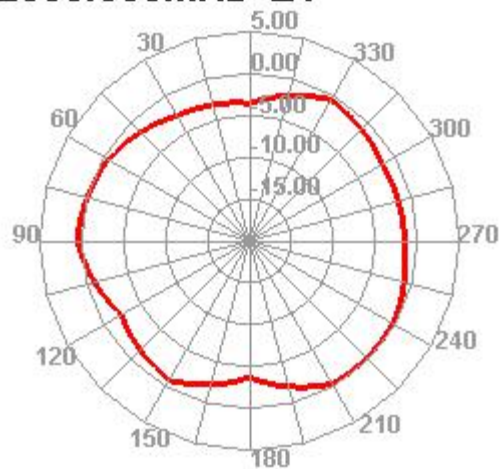


2500.000MHz H

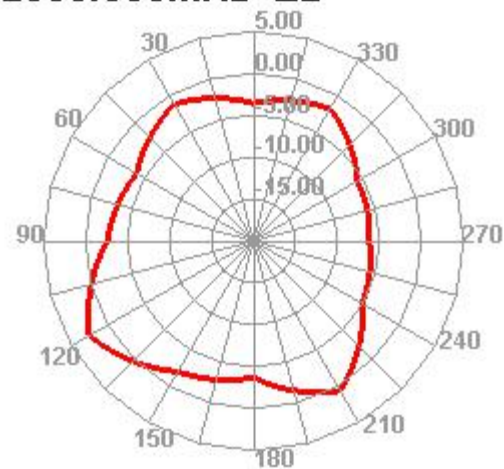


2.5G

2500.000MHz E1



2500.000MHz E2



Project

Peak Gain/Efficiency

Freq (MHz)	Effi (%)	Gain (dBi)
2400	66.31	2.84
2410	68.65	2.64
2420	67.06	2.83
2430	66.09	2.74
2440	66.33	2.69
2450	66.84	2.61
2460	68.53	2.53
2470	69.05	2.29
2480	72.78	2.47
2490	72.14	2.47
2500	72.73	2.57