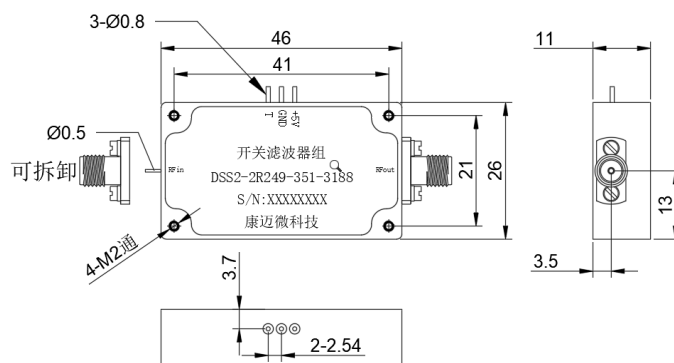


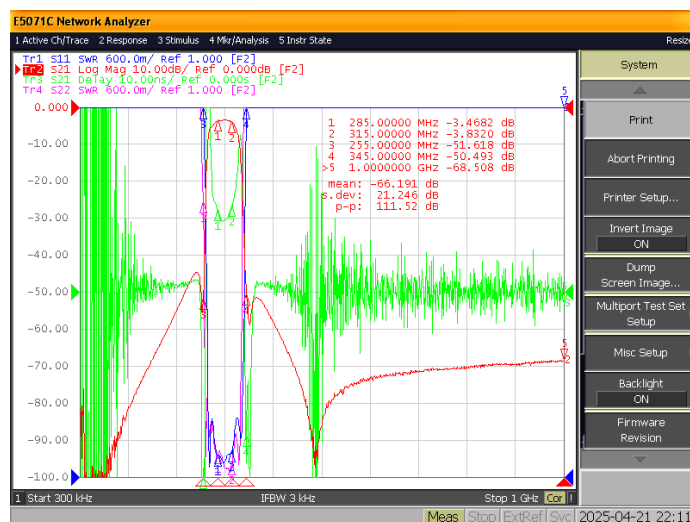
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
IL	/	/			4.5	dB
Ripple	/	/			1.0	dB
VSWR	/	/			1.6	
Passband F1	/	/	285	~	315	MHz
Frequency 1 IL	/	/			3.5	dB
F1 Rejection	$f_0 \pm 45$	MHz $\geq$	45			dBc
F1 Rejection	1000	MHz $\geq$	50			dBc
F1 VSWR	/	/			1.5	
频率一带内纹波 (峰峰值)	/	/		± 0.2		dB
Passband F2	/	/	249	~	351	MHz
Frequency 2 IL	/	/			3.5	dB
F2 Rejection	$f_0 \pm 90$	MHz $\geq$	45			dBc
F2 Rejection	1000	MHz $\geq$	50			dBc
F2 VSWR	/	/			1.5	
频率二带内纹波 (峰峰值)	/	/		± 0.3		dB

Configuration(mm)



Typical test curve



Note

- 1 Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
- 2 If the temperature is higher than 125°C, consult with us before ordering.

Other parameters

Number of switching filters	Choose 1 from 2
Switch time	500ns
Isolation	50dB（单路开关）
Connector	SMA-F Detachable Pin 0.5mm
Impedance	50Ω
Surface	Conductive oxidation
Power Capacity	0.2W Design assurance
Working voltage	+5V
Working current	20mA
Operation Temp.	-40~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Delay ripple	≤7.5ns/300±15MHz
Delay ripple	≤7.5ns/300±51MHz
Delay ripple	≤1ns/24H绝对时延变化

Truth table

Frequency 1	0				
Frequency 2	1				

Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.