



1. Feature

- ▶ High Performance
- ▶ High Reliability
- ▶ RoHS Compliant

Duplexer

Part No: CDU03600M04500A01

Date: Sep.13th.2021

Revision No: Preliminary

2. Electrical Specifications

No.	Parameter	Min.	Typical	Max.	Units	
1	Passband Frequency	Band1	2	-	3.6	GHz
		Band2	4.5	-	11	GHz
2	Insertion Loss	-	-	1.5	dB	
3	VSWR	Passband	-	-	1.5	-
		Band1@2.593GHz 3.6GHz			1.3	
		Band2@5.186GHz 7.779GHz, 7.2GHz,10.8GHz			1.3	
4	Attenuation(Band1)	@4.5GHz	55	-	-	dB
		@5GHz-11GHz	70			
	2nd Harmonics (2.593Ghz@40dBm)	5.186GHz	-	-	-90	dBm
	3rd Harmonics (2.593Ghz@40dBm)	7.779GHz	-	-	-90	
	2nd Harmonics (3.6Ghz@40dBm)	7.2GHz	-	-	-90	
	3rd Harmonics (3.6Ghz@40dBm)	10.8GHz	-	-	-90	dBm
5	Attenuation(Band2)	@2GHz	55	-	-	dB
		@2.5GHz-3.6GHz	70	-	-	dB
6	Power			50	W	

3.Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	80x50x10mm	
Connector Type	SMA-female	
Surface Finish	本导喷砂	

*Professional manufacturer of
passive microwave components*

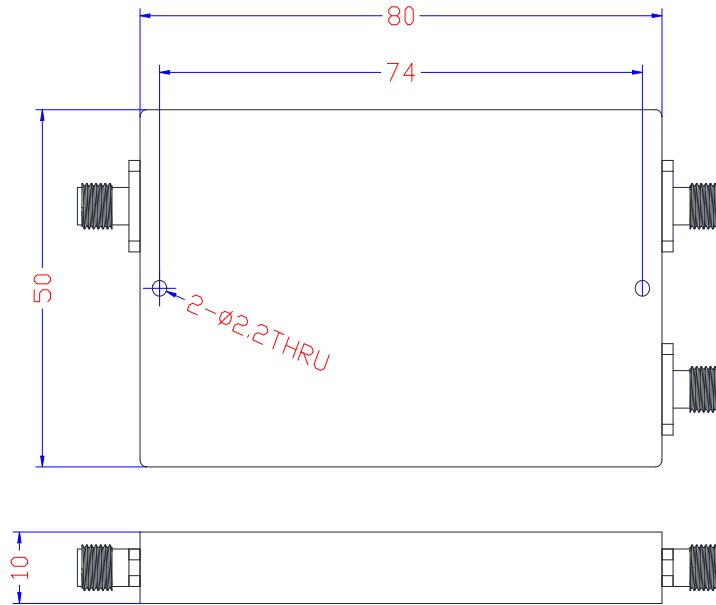
DN: CN0337-Sep./13th/2021

Technical Specifications

4. Outline Drawing ($\pm 0.3\text{mm}$)



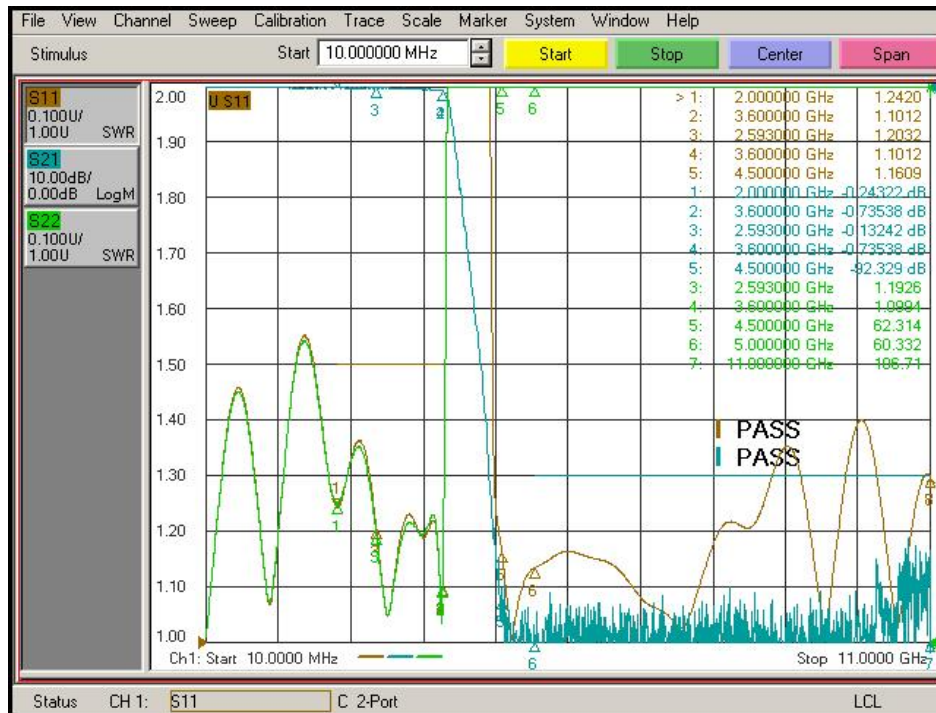
CONCEPT



5. Test Curves



Band 1



Band 2

