

*Professional manufacturer of
passive microwave components*

DN: CN0262-Nov./24th/2025

Technical Specifications

1. Feature

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

Cavity Diplexer

Part No: CDU24829M26173Q05A

Date: Nov.24th.2025

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification		Remark
	Low Band	High Band	
Frequency Range	24829-25165MHz	25837-26173MHz	
Insertion Loss	≤2.0dB	≤2.0dB	
VSWR	≤1.5	≤1.5	
Rejection	≥60dB@25837-26173MHz	≥60dB@24829-25165MHz	
Power	10W		
Impedance	50 OHMS		

3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	-20 to +75℃	
Storage Temperature	-45 to +85℃	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	45.0x35.0x9.0mm	
Connector Type	SMA-female	
Surface Finish	Black Painting	

Chengdu Concept Microwave Technology CO.,Ltd

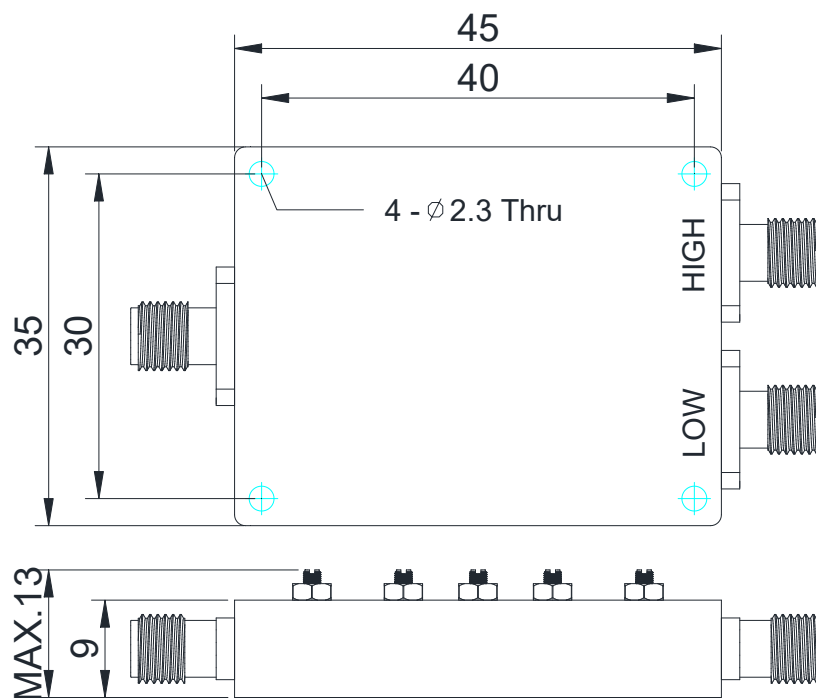
No.86 ,Rongtai Road, Haixia Industrial Park , Wenjiang District , Chengdu City, China

E-mail: sales@concept-mw.com

<http://www.concepts-rf.com>

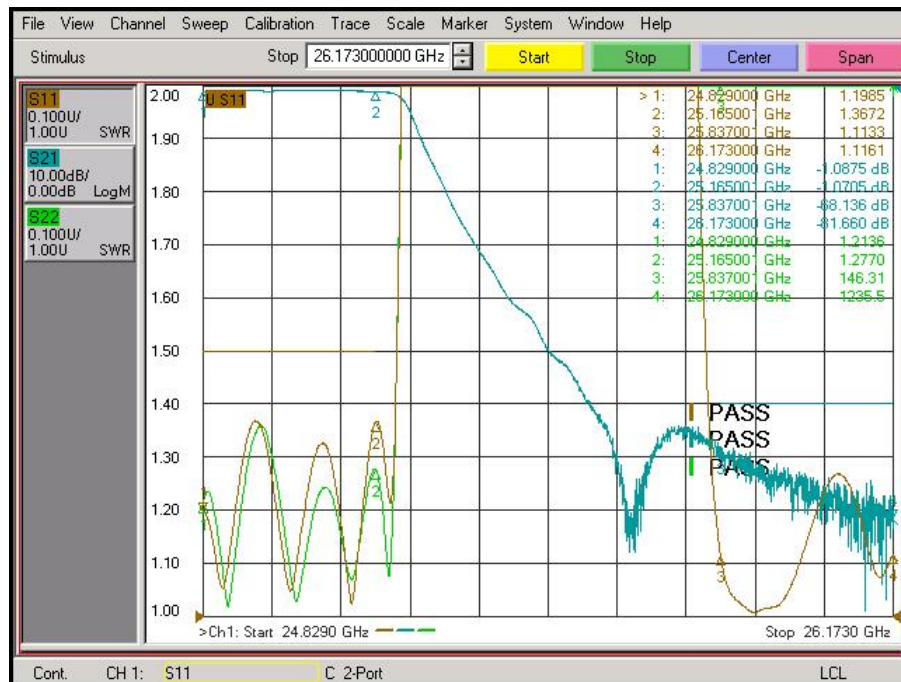
Page 1 of 3

5. Outline Drawing ($\pm 0.5\text{mm}$)



6. Simulation Curve

Low Band



High Band

