

*Professional manufacturer of  
passive microwave components*

DN: CN0021-Jan./21th/2026

Technical Specifications

### 1. Feature

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

**Cavity Diplexer**

**Part No: CDU07150M08005A01**

**Date: Jan.21th.2026**

**Revision No: Preliminary**

### 2. Electrical Specifications

Parameter	Specification		Remark
	Low Band	High Band	
Frequency Range	DC-7150MHz	8005-22000MHz	
Insertion Loss	≤2.0dB	≤2.0dB	
Return Loss	≥14dB	≥12dB	
Rejection	≥50dB@8005-22000MHz	≥50dB@DC-7150MHz	
Power	20W		
Impedance	50 OHMS		

### 3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	-20 to +70°C	
Storage Temperature	-45°C to +85°C	

### 4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	70.0x65.0x13.0mm (Exclusive the connectors and tuning screws)	
Connector Type	SMA-female	
Surface Finish	Black Painting	

成都康普信源科技有限公司

Chengdu Concept Microwave Technology CO.,Ltd

No.666 ,Jinfenghuang Road , CREC Industrial Park , Jinniu District , Chengdu , China

E-mail: [sales@concept-mw.com](mailto:sales@concept-mw.com)

<http://www.concept-mw.com>

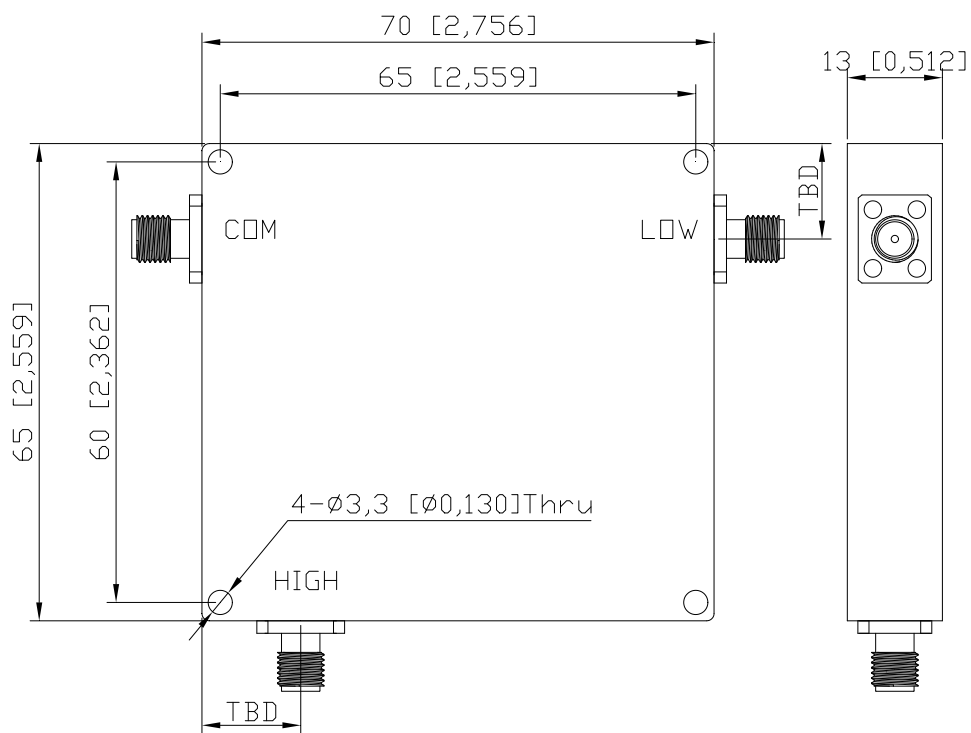
Page 1 of 3

*Professional manufacturer of  
passive microwave components*

DN: CN0021-Jan./21th/2026

Technical Specifications

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



成都康普信源科技有限公司

Chengdu Concept Microwave Technology CO.,Ltd

No.666 ,Jinfenghuang Road , CREC Industrial Park , Jinniu District , Chengdu , China

E-mail: sales@concept-mw.com

<http://www.concept-mw.com>

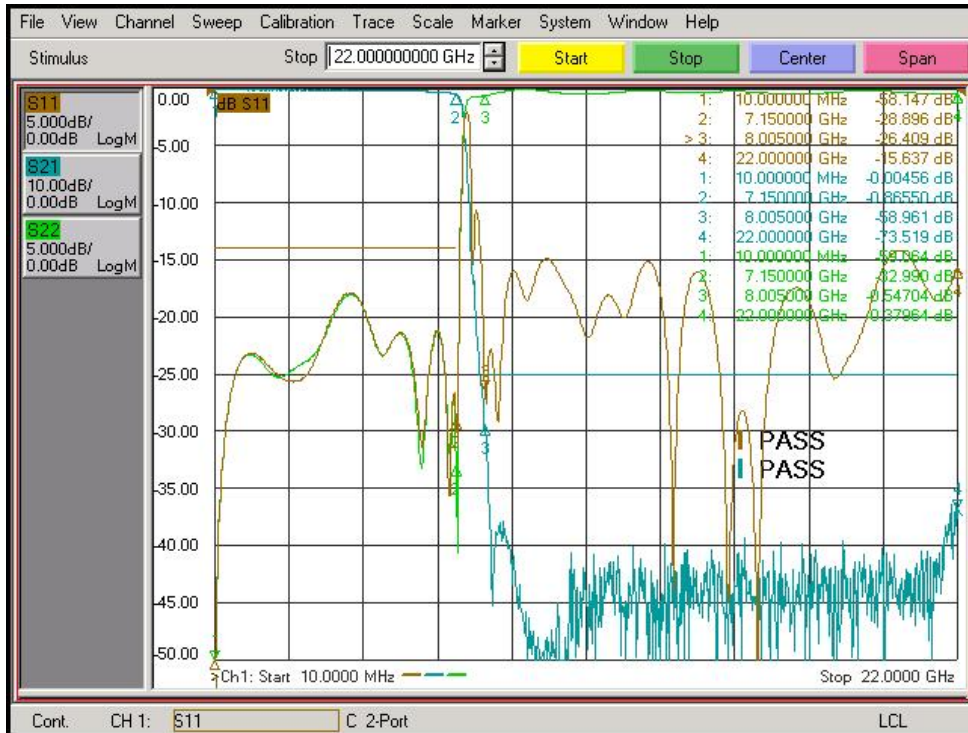
Page 2 of 3

**Professional manufacturer of passive microwave components**

DN: CN0021-Jan./21th/2026

Technical Specifications

**6.Test Curve**



成都康普信源科技有限公司

Chengdu Concept Microwave Technology CO.,Ltd

No.666 ,Jinfenghuang Road , CREC Industrial Park , Jinniu District , Chengdu , China

E-mail: sales@concept-mw.com

http://www.concept-mw.com