

**Professional manufacturer of
passive microwave components**

DN: CN0023-Jan./27th/2026

Technical Specifications

1. Feature

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

Cavity Diplexer

Part No: CDU04625M14400A01

Date: Jan.27th.2026

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification		Remark
	Low Band	High Band	
Frequency Range	4400-4625MHz	14400-14900MHz	
Insertion Loss	≤1.5dB	≤1.5dB	
Return Loss	≥14dB	≥14dB	
Rejection	≥40dB@100-3000MHz ≥40dB@4775-15100MHz	≥40dB@100-9000MHz ≥40dB@15100-20000MHz	
Isolation	≥40dB		
Power	10W		
Impedance	50 OHMS		

3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	-30°C to +70°C	
Storage Temperature	-45°C to +85°C	
Application Environment	Indoor type	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	60.0x60.0x20.0mm (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

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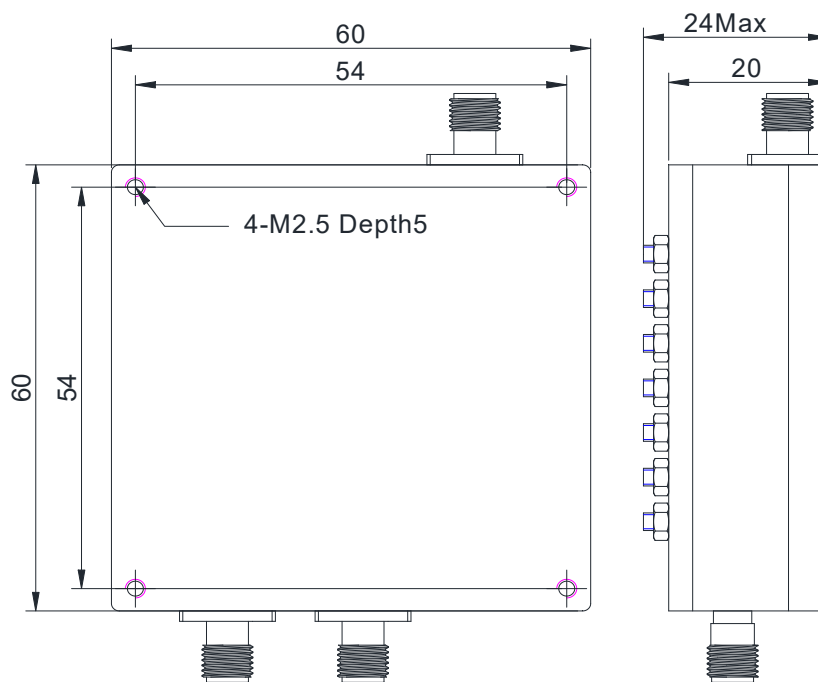
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5. Outline Drawing ($\pm 0.5\text{mm}$)



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6. Test Report

High Band



Low Band

