

**Professional manufacturer of
passive microwave components**

DN: CN0112-May./14th/2021

Technical Specifications

1. Feature

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

Cavity Combiner

Part No: CUD00380M03965M65D

Date: May.14th.2021

Revision No: Preliminary

2. Electrical Specifications

	RX	TX
Frequency range	380-386.5MHz	390-396.5MHz
Return loss	≥18dB	≥18dB
Insertion loss	≤1.7dB	≤1.7dB
Rejection	≥65dB@390-396.5MHz	≥65dB@380-386.5MHz
Isolation	≥65dB@380-386.5MHz &390-396.5MHz	
	≥45dB@386.5MHz -390MHz	
PIM3	-155dBc@2*43dBm	
Input power	Average: 150W Max Peak: 1000W Max	
Operating temperature	-10°C to +60°C	
Impedance	50 Ω	

3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	-40 °C to +85 °C	
Application Environment	Indoor Application	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	265mm x 150mm x 61mm (Not including the tuning screws and connectors)	
Connector Type	DIN(7/16)-Female	
Surface Finish	Gray paint spraying	

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>

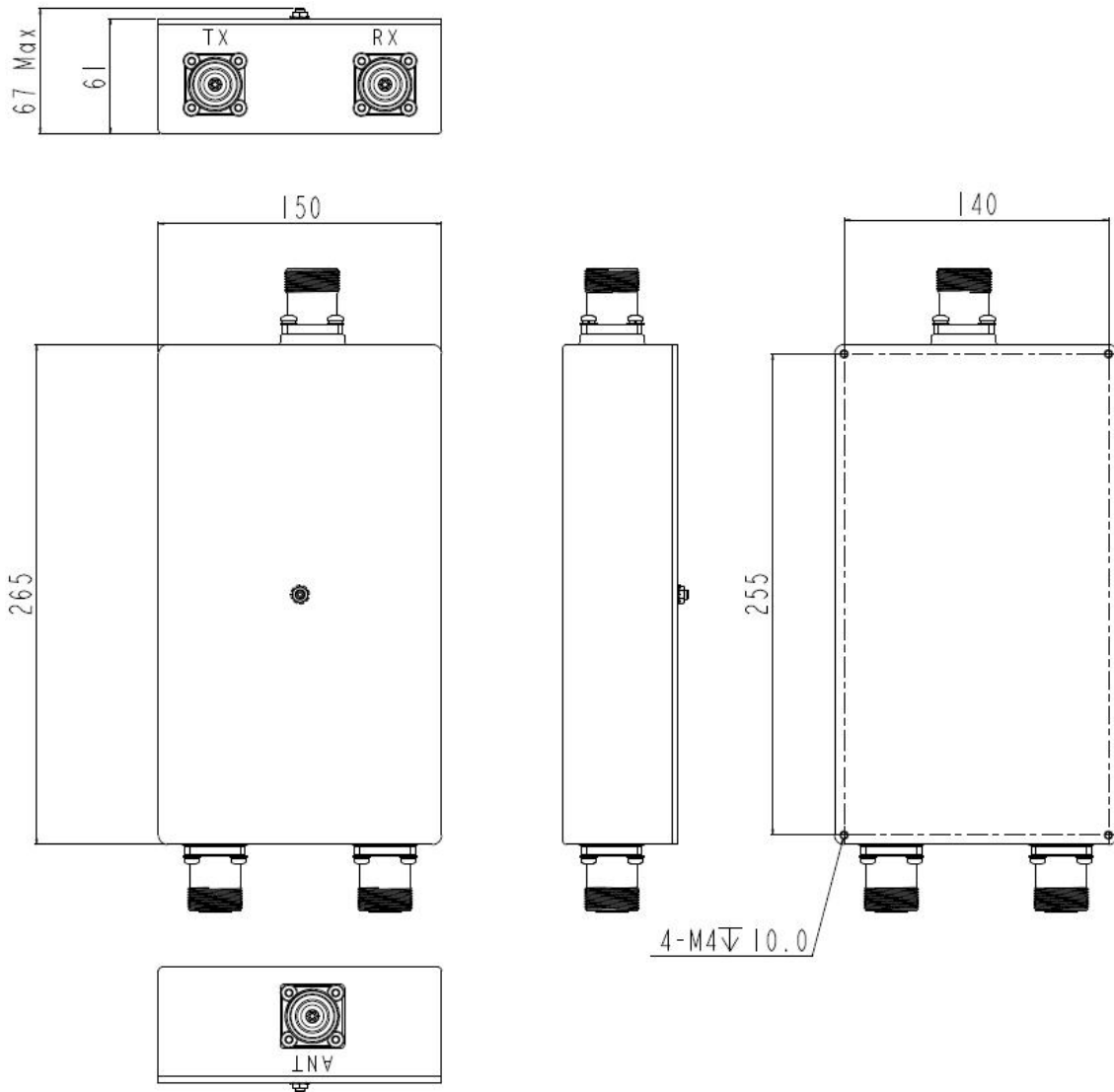
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5. Outline Drawing ($\pm 0.3\text{mm}$)



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6. Simulation Curve

