

*Professional manufacturer of
passive microwave components*

DN: CN0065-March./2th/2022

Technical Specifications

1. Feature

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

Cavity Combiner

Part No: CDU00824M02570N01

Date: March.2th.2022

Revision No: Preliminary

2. Electrical Specifications

Parameter	824-834	880-915	1710-1785	1900-1960	2400-2570
Frequency range	824-834MHz	880-915MHz	1710-1785MHz	1900-1960MHz	2400-2570MHz
Return loss	≥15dB	≥15dB	≥15dB	≥15dB	≥15dB
Insertion loss	≤1.4dB	≤1.0dB	≤0.7dB	≤0.7dB	≤0.7dB
Rejection	≥90dB	≥90dB	≥90dB	≥90dB	≥90dB
Power	3W				
Impedance	50Ω				
Temperature	-20°C to +70°C				
MTBF(Hours)	≥500000				

3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	0-70°C	
Application Environment	Indoor Appliication	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	200x140x36mm (Not including the tuning screws and connectors)	
Connector Type	N-female	
Surface Finish	Silver Plated	

成都康普信源科技有限公司

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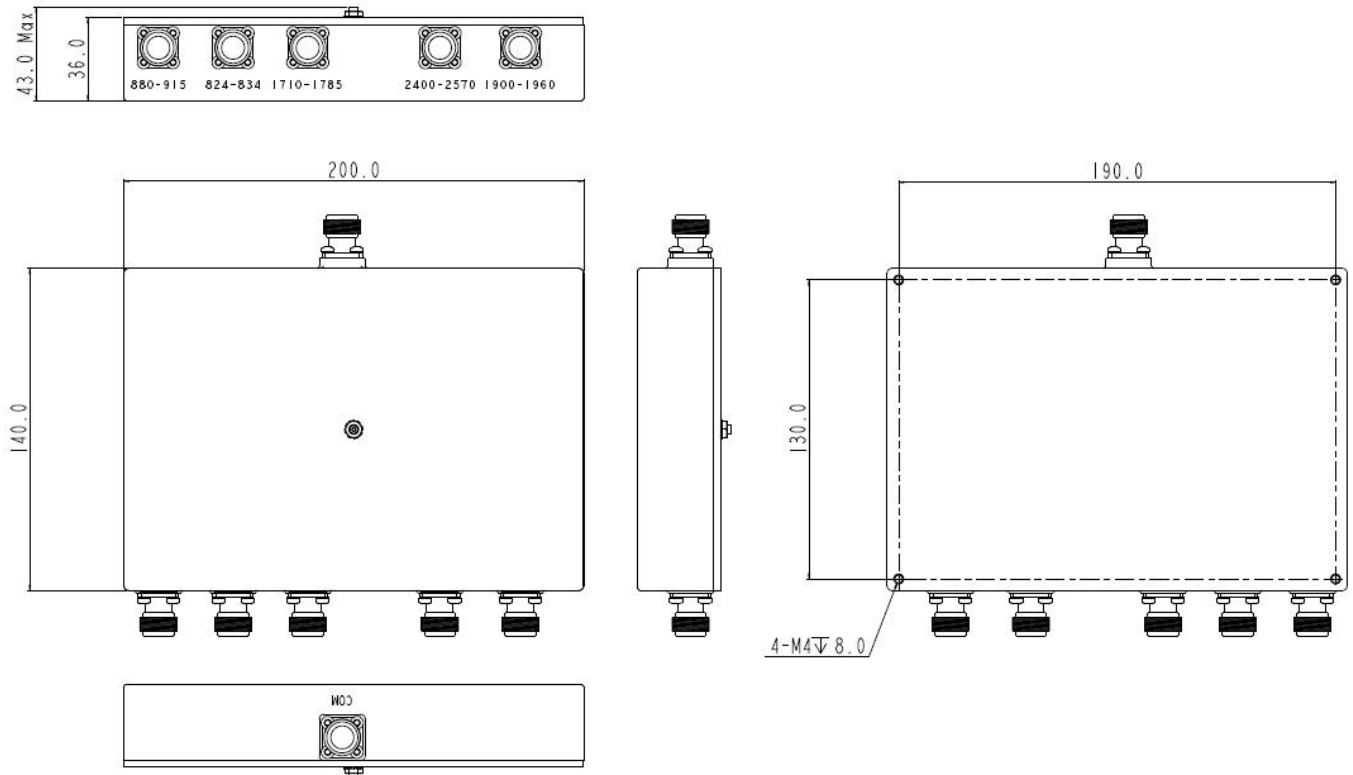
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5. Outline Drawing ($\pm 0.3\text{mm}$)



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6. Simulation Curve

