

*Professional manufacturer of
passive microwave components*

DN: CN00112-March./5th/2021

Technical Specifications

1. Feature

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

Cavity Duplexer

Part No: CDU00418M00430MNSF

Date: March.5th.2021

Revision No: Preliminary

2. Electrical Specifications

	RX	TX
Frequency range	418-420MH	428-430MHz
Return loss	≥18dB	≥18dB
Insertion loss	≤1.5dB	≤1.5dB
Isolation between bands	≥60dB@418-420MHz&428-430MHz&235-395MHz&450-465MHz	
Power	20W	
PIM3	≤-155dBc@2*34dBm	
Operational temperature	-25°C to +55°C	

3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	-25°C to +55°C	
Application Environment	Indoor application	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	170mm x135mm x 39mm (Not including the tuning screws and connectors)	
Connector Type	ANT: N/ Female Other: SMA/Female	
Surface Finish	Silver Plated	

成都康普信源科技有限公司

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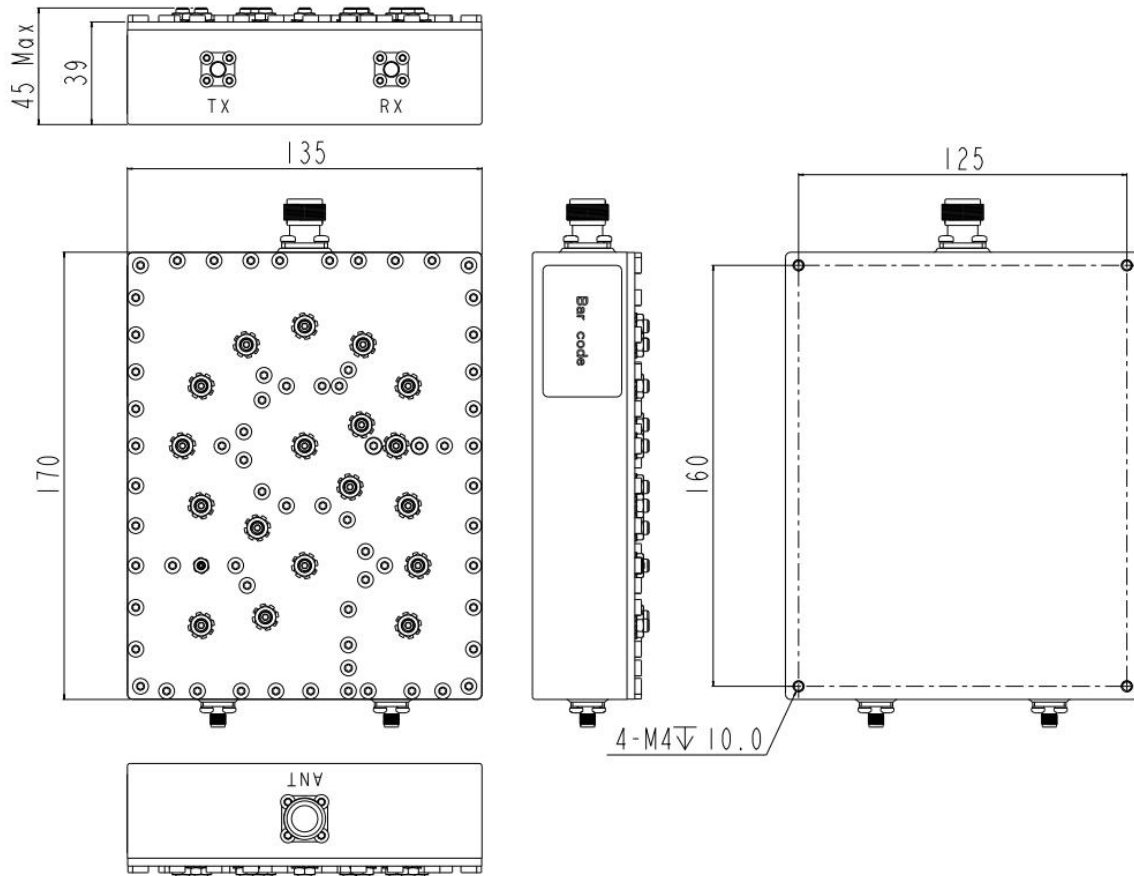
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5. Outline Drawing ($\pm 0.3\text{mm}$)



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6. Simulation Curve

