

**Professional manufacturer of
passive microwave components**

DN: CN0252-Sep./30th/2021

Technical Specifications

1. Feature

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

Cavity Combiner

Part No: CUD00698M04200M4310FLP

Date: Sep.30th.2021

Revision No: Preliminary

2. Electrical Specifications

	LOW	HIGH
Frequency range	698-2690MHz	3300-4200MHz
Return loss	≥16dB	≥16dB
Insertion loss	≤0.3dB	≤0.3dB
Ripple in band	≤0.3dB	≤0.3dB
Rejection	≥30dB@3300-3800MHz ≥50dB@3800-4200MHz	≥60dB@698-2690MHz
Average power	200W	
Peak power	1000W	
PIM	≤-155dBc@2*43dBm	
Temperature range	-40°C to +85°C	

3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	-40 °C to +85 °C	
Application Environment	IP67	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	146mm x 85mm x 37mm (Not including the tuning screws and connectors)	
Connector Type	4.3-10 / Female	
Surface Finish	Gray, Akzo Nobel RA7035, Powder spraying	

成都康普信源科技有限公司

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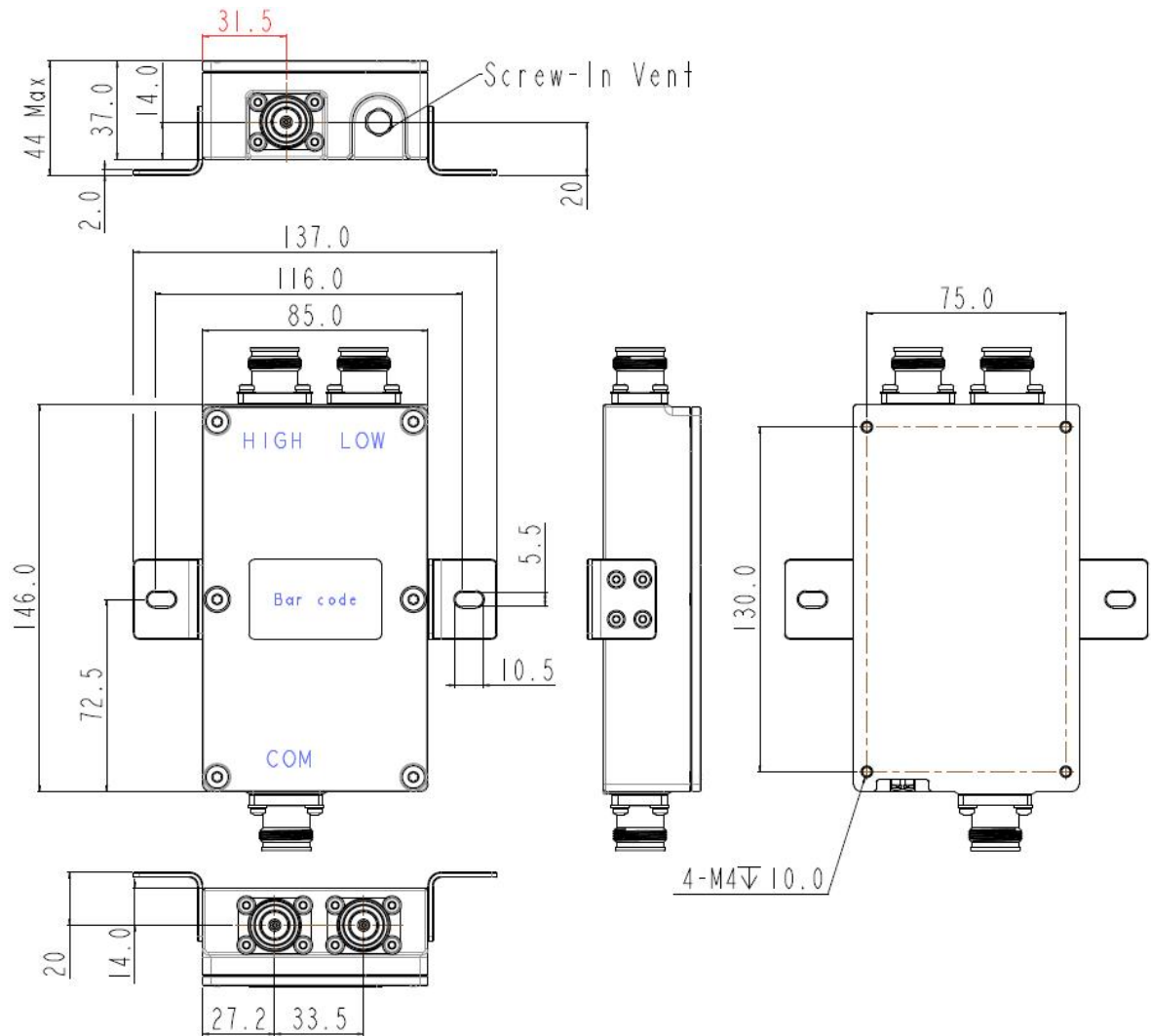
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5. Outline Drawing ($\pm 0.3\text{mm}$)



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6. Simulation Curve

