

**Professional manufacturer of
passive microwave components**

DN: CN0262-Nov./24th/2025

Technical Specifications

1. Feature

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

Cavity Diplexer

Part No: CDU01710M01880Q07N

Date: Nov.24th.2025

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification		Remark
	Low Band	High Band	
Frequency Range	1710-1785Mz	1805-1880MHz	
Insertion Loss	≤1.0dB	≤1.0dB	
Return Loss	≥18dB	≥18dB	
Rejection	≥55dB@1805-1880MHz	≥55dB@1710-1785Mz	
Power	100W		
Impedance	50 OHMS		

3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	0 to +60°C	
Storage Temperature	-45 to +85°C	

4. Mechanical Specifications

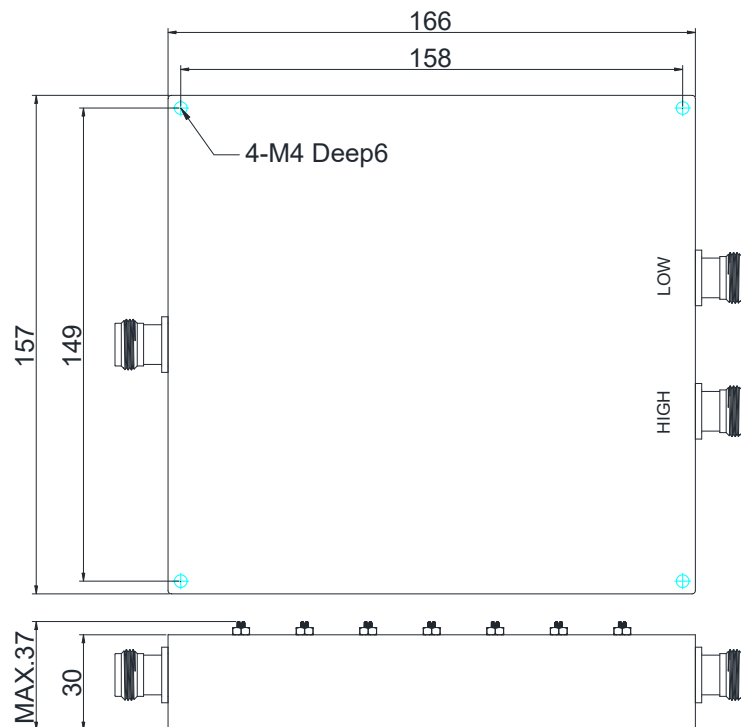
Parameter	Specifications	Remark
Dimensions	166.0x157.0x30.0mm	
Connector Type	N-female	
Surface Finish	Black Painting	

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



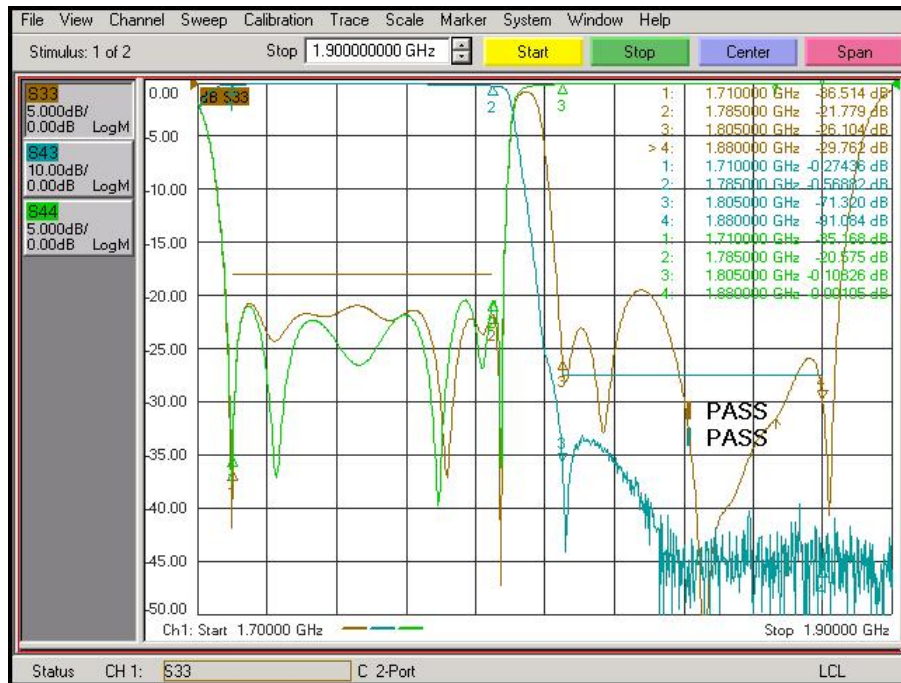
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6. Test Curve

Low Band



High Band

