

**Professional manufacturer of
passive microwave components**

DN: CN0231-Oct./7th/2025

Technical Specifications

1. Feature

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

Multiplexer

Part No: CBC02000M15000A04

Date: Oct.7th.2025

Revision No: Preliminary

2. Electrical Specifications

Parameter	S-Tx	S-Rx	Ku-Tx	Ku-Rx	Units
Pass Band Frequency	2.0GHz-2.1GHz	2.2GHz-2.4GHz	10.0GHz-12GHz	13.0GHz-15.0GHz	GHz
Pass band Insertion Loss	1.0dB Max. (Typ. 0.8dB)				dB
Isolation	60dB Min.				dB
Rejection	65dB@2.2799GHz Min.	65dB@2.09GHz Min.	65dB@14GHz Min.	65dB@11GHz Min.	dB
Group Delay	6ns Max.	6ns Max.	3ns Max.	3ns Max.	ns
Pass Band Return Loss	15dB Min.				dB
Power	50		40		W cw

3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	-20°C to +60°C	
Storage Temperature	-45°C to +85°C	
Application Environment	Indoor type	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	100.0x100.0x40.0mm	
Connector Type	SMA-female for all Ports	
Surface Finish	Black Painting	

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

