

*Professional manufacturer of
passive microwave components*

DN: CN0251-Aug./15th/2023

Technical Specifications

1. Feature

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

Triplexer

Part No: CBC00000M18000A03

Date: Aug.15th.2023

Revision No: Preliminary

2. Electrical Specifications

Passband Frequency	Band 1	DC	-	6	GHz
	Band 2	6	-	12	GHz
	Band 3	12	-	18	GHz
Insertion Loss	Band 1	≤2.0@DC-5.5GHz			dB
	Band 2	≤2.0@6.5-11.5GHz			dB
	Band 3	≤2.0@12.5-18GHz			dB
VSWR	Band 1	≤2.0@DC-5.5GHz			-
	Band 2	≤2.0@6.5-11.5GHz			-
	Band 3	≤2.0@12.5-18GHz			-
Attenuation at crossover frequency	Band 1	10±1@6GHz			dB
	Band 2	10±1@6GHz,12GHz			dB
	Band 3	10±1@12GHz			dB
Rejection	Band 1	≥40@7-18GHz			dB
	Band 2	≥40@DC-5GHz,13.5-18GH			dB
	Band 3	≥40@DC-10.5GHz			dB
Impedance	50				Ω

3. Environmental Specifications

Parameter	Specifications	Remark
Operating Temperature	-20°C to +65°C	
Storage Temperature	-45°C to +85°C	

4. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	101.6x63.5x10.0mm	
Connector Type	2.92mm-female	
Surface Finish	Black Painting	

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

