

**Professional manufacturer of
passive microwave components**

DN: CN0142-May./7th/2021

Technical Specifications

1. Feature

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

Triple-band Combiner

Part No: CBC00500M07000A03

Date: May.7th.2021

Revision No: A1

2. Electrical Specifications

| | | Minimum | | Maximum | Units |
|--------------------|---------------------|---------|----|---------|-------|
| Passband Frequency | Band 1 | 500 | | 1000 | MHz |
| | Band 2 | 1800 | | 2500 | MHz |
| | Band 3 | 5000 | | 7000 | MHz |
| Insertion Loss | Band 1 | - | | 1.0 | dB |
| | Band 2 | | | 1.2 | dB |
| | Band 3 | | | 1.2 | dB |
| VSWR | - | - | | 1.35 | |
| Attenuation | Band1@1600-9000MHz | 70 | - | - | dB |
| | Band2@4000-9000MHz | 70 | - | - | dB |
| | Band3@9000-18000MHz | 70 | - | - | dB |
| Power | | | | 20 | W |
| Impedance | | | 50 | | Ω |

3. Environmental Specifications

| Parameter | Specifications | Remark |
|-------------------------|----------------------------|--------|
| Operating Temperature | Room Temperature : +25±5°C | |
| Application Environment | Indoor | |

4. Mechanical Specifications

| Parameter | Specifications | Remark |
|----------------|--|--------|
| Dimensions | 130.00x65.00x10.00mm (Not including the tuning screws and connectors) | |
| Connector Type | SMA-female | |
| Surface Finish | Black Painting | |

成都康普信源科技有限公司

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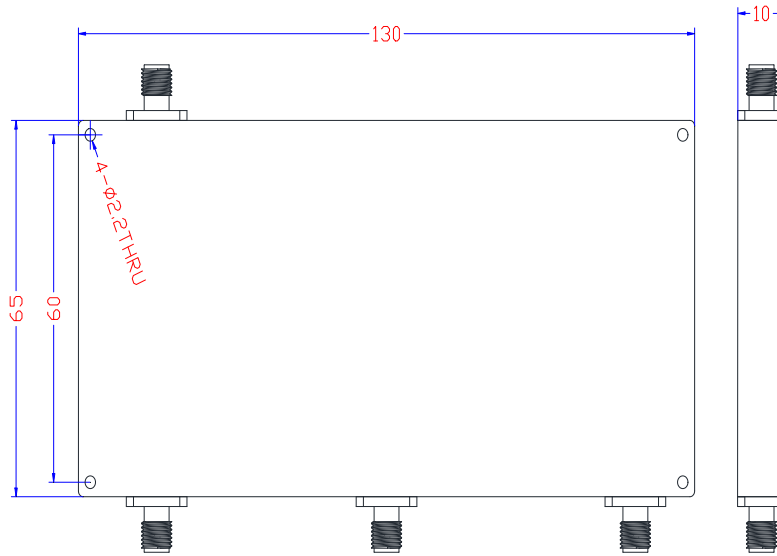
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5. Outline Drawing ($\pm 0.3\text{mm}$)



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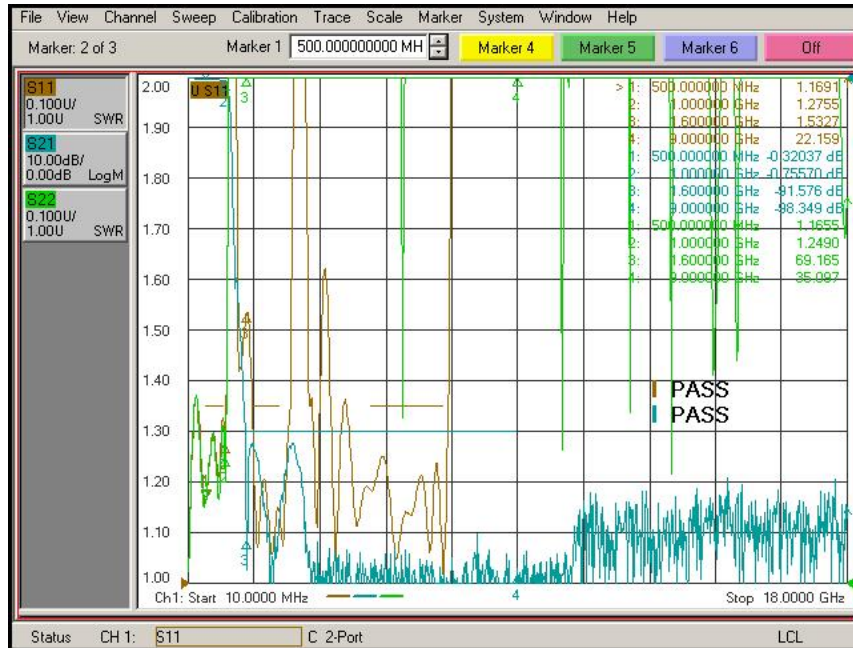
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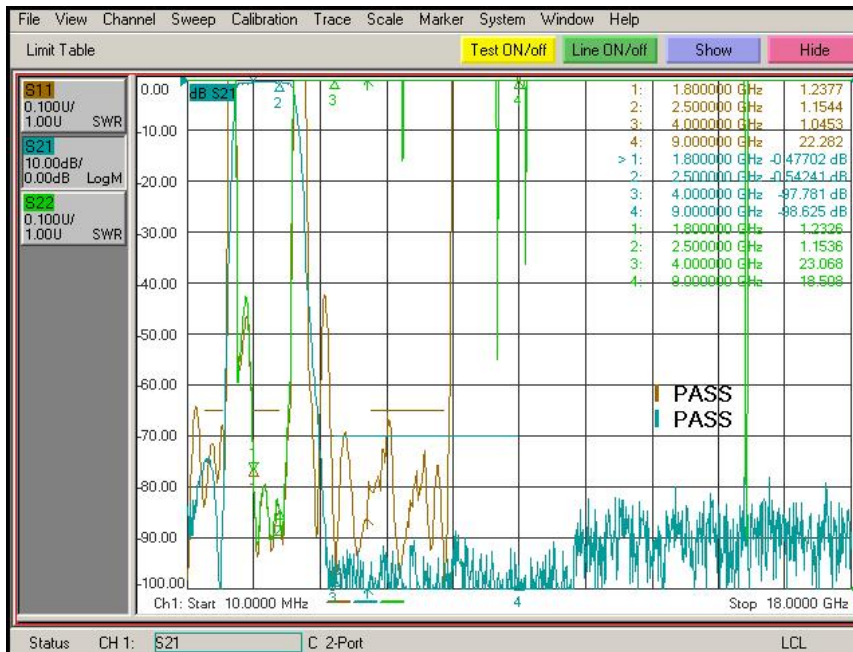
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6. Test Report

Band 1



Band 2

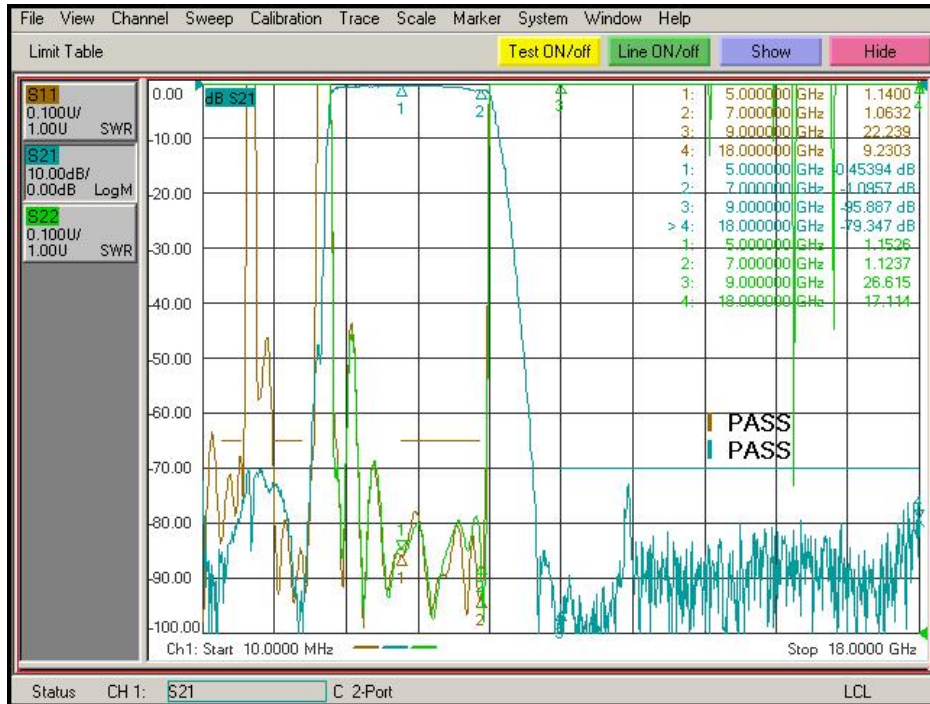


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Band 3



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