

## 1. Feature

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

Power Divider

Part No: CPD00500M03000A10

Date: Sep.27<sup>th</sup>.2021

Revision No: A1

## 2. Electrical Specifications

| Parameter         | Specification                 | Remark |
|-------------------|-------------------------------|--------|
| Frequency Range   | 500-3000MHz                   |        |
| Insertion loss    | ≤2.0dB                        |        |
| VSWR              | ≤1.8                          |        |
| Amplitude Balance | ≤±1.0dB                       |        |
| Phase Balance     | ≤±8degree                     |        |
| Isolation         | ≥17dB                         |        |
| Average Power     | 20W( Forward )<br>1W(Reverse) |        |
| Impedance         | 50Ω                           |        |

## 3. Mechanical Specifications

| Parameter      | Specifications     | Remark |
|----------------|--------------------|--------|
| Dimensions     | 133.0x113.0x10.0mm |        |
| Connector Type | SMA-female         |        |
| Surface Finish | Grey Painting      |        |

## 4. Temperature Specifications

| Parameter               | Specifications | Remark |
|-------------------------|----------------|--------|
| Operational Temperature | -40 to +80 °C  |        |
| Storage Temperature     | -45 to +85 °C  |        |

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*Professional manufacturer of  
passive microwave components*

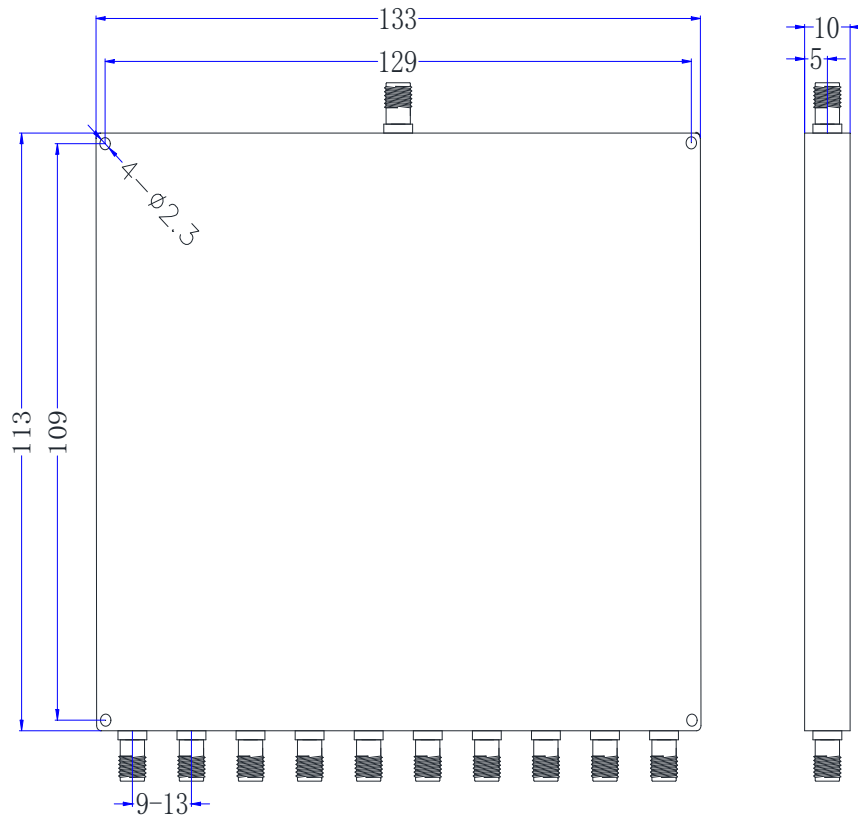
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Technical Specifications



**CONCEPT**

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



**Notes :** Input power is rated for load VSWR better than 1.20:1

Specifications are subject to change at any time without any notice.

**Total Loss = Insertion Loss + 10.0dB split loss**

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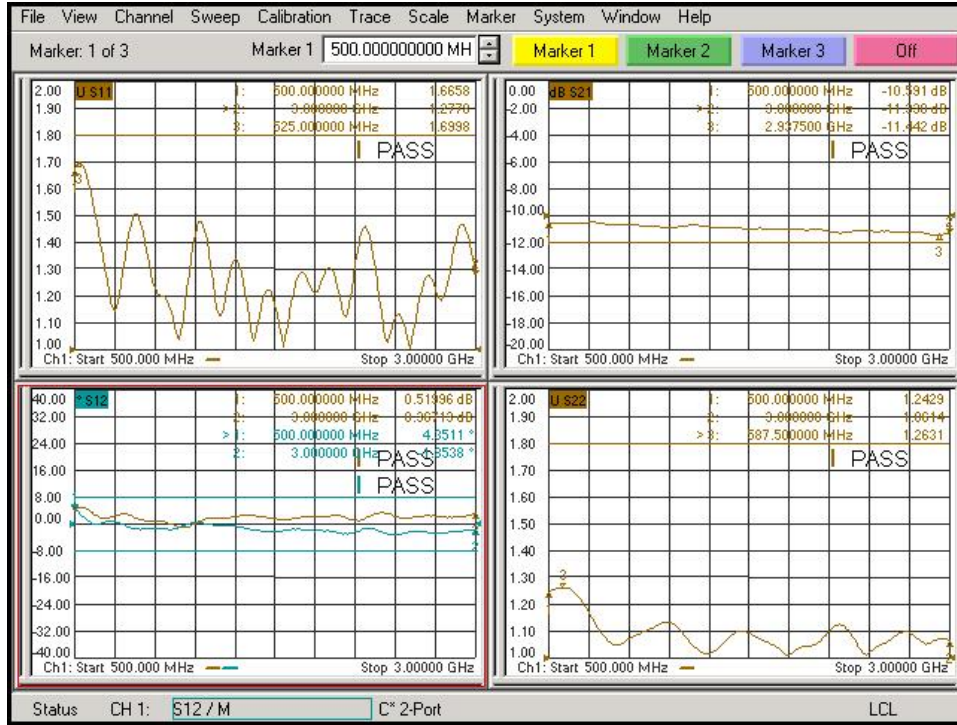
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VSWR , Insertion Loss , AMP/PHASE Balance



Isolation

