



1. Feature

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

Power Divider

Part No: CPD00800M04200A10

Date: Sep.27th.2021

Revision No: A1

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	800-4200MHz	
Insertion loss	≤2.5dB	
VSWR	≤1.7	
Amplitude Balance	±1.0dB	
Phase Balance	±10degree	
Isolation	≥18dB	
Average Power	20W(Forward) 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	

*Professional manufacturer of
passive microwave components*

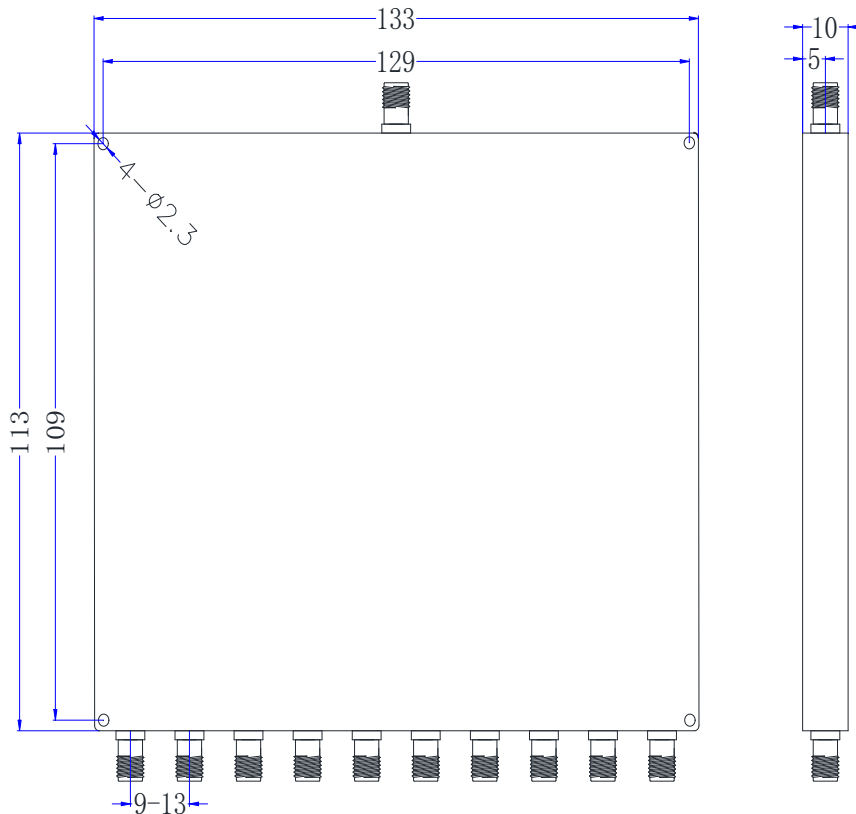
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Technical Specifications



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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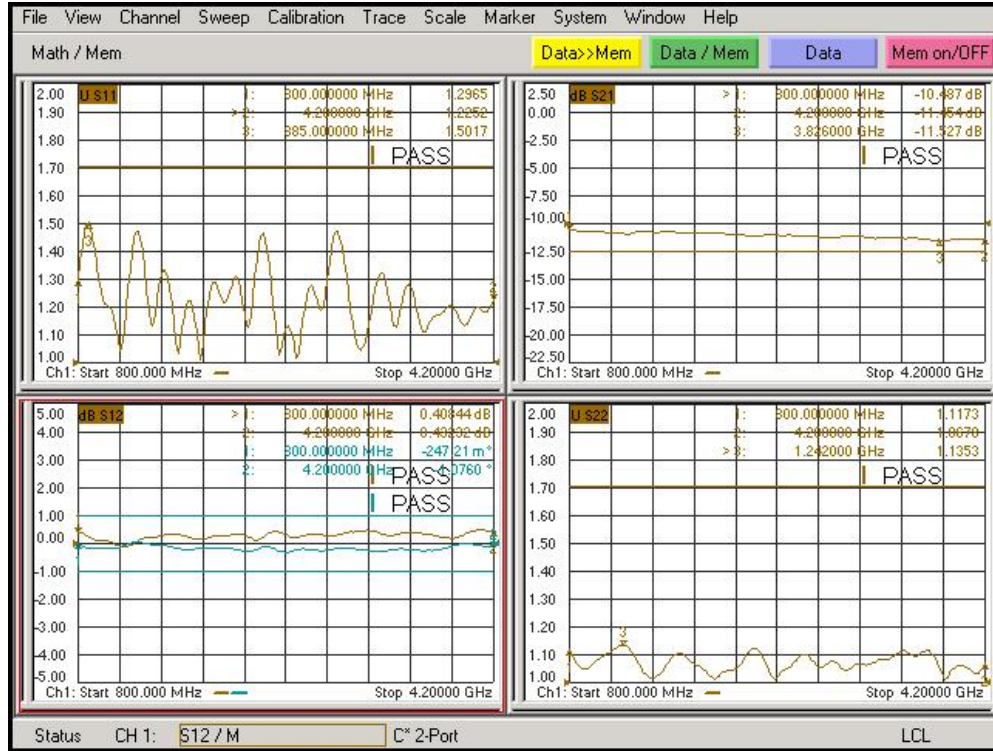
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VSWR , Insertion Loss , AMP/PULSE Balance



Isolation

