



1. Feature

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

Power Divider

Part No: CPD00500M06000A10

Date: Sep.27th.2021

Revision No: A1

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	500-6000MHz	
Insertion loss	≤3.2dB	
VSWR	≤2.00 (Input) ≤1.6 (Output)	
Amplitude Balance	≤±1.2dB	
Phase Balance	≤±8degree	
Isolation	≥16dB@500-700MHz ≥18dB@700-6000MHz	
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	

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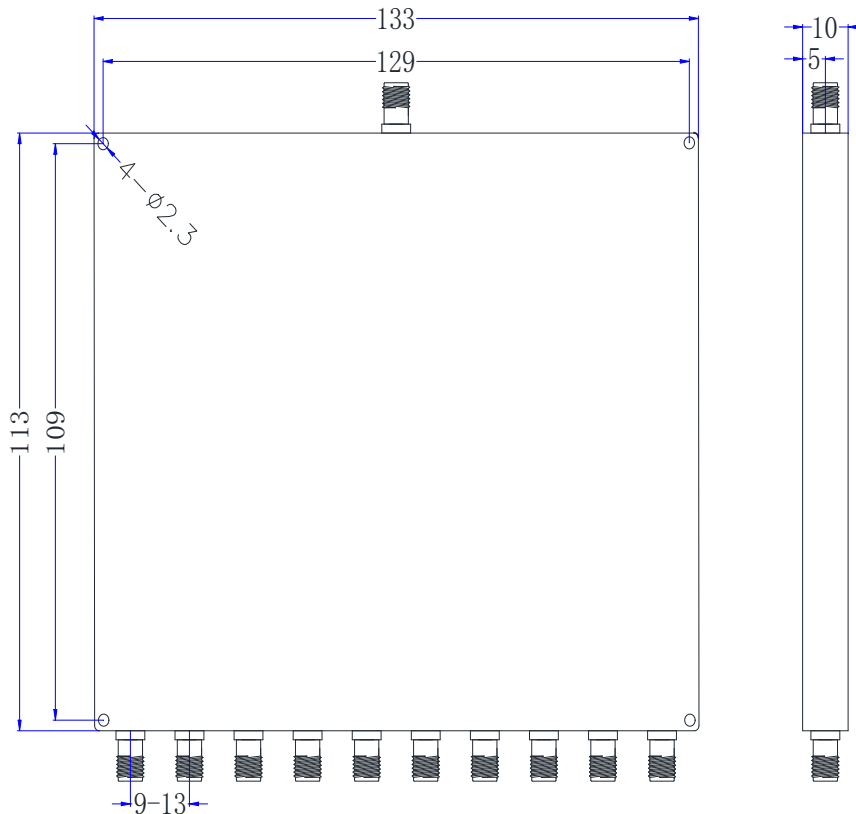
E-mail: sales@concept-mw.com

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



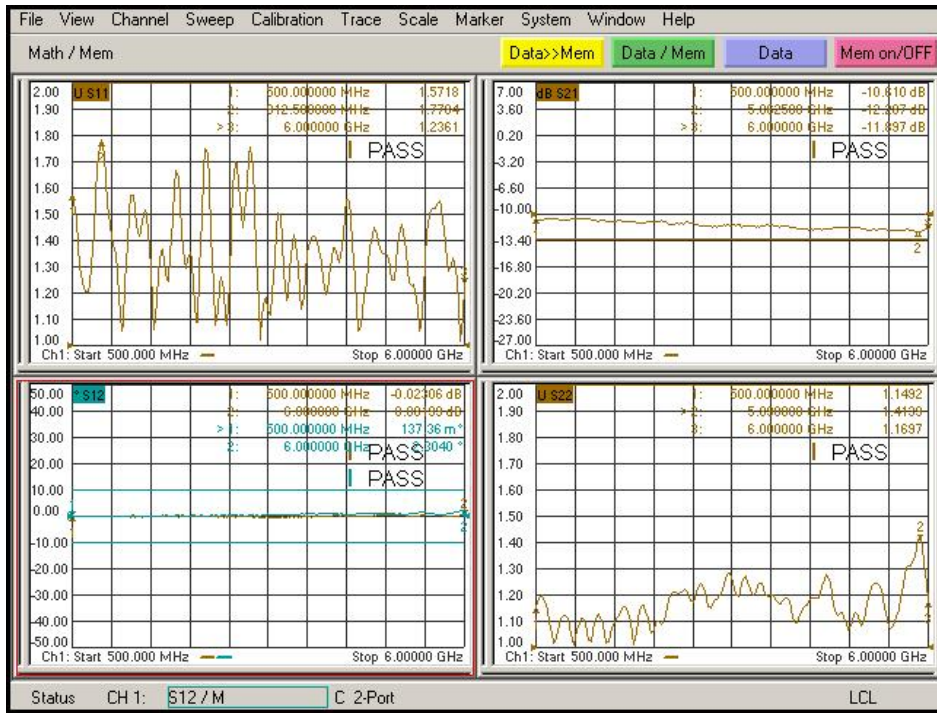
Notes : Input power is rated for load VSWR better than 1.20:1

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

Total Loss = Insertion Loss + 10.0dB split loss



VSWR , Insertion Loss , AMP/PHASE Balance



Isolation

