



## 1. Feature

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

Power Divider

Part No: CPD04000M10000A12

Date: June.23<sup>th</sup>.2022

Revision No: Preliminary

## 2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	4000-10000MHz	
Insertion loss	≤2.2dB	
VSWR	≤1.50 (input) ≤1.50 (output)	
Amplitude Balance	≤±0.5dB	
Phase Balance	≤±10degree	
Isolation	≥18dB	
Average Power	20W ( Forward ) 1W (Reverse)	
Impedance	50Ω	

## 3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	156.0x92.0x10.0mm	
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	

成都康普信源科技有限公司

Chengdu Concept Microwave Technology CO.,Ltd

No.666 ,Jinfenghuang Road , CREC Industrial Park , Jinniu District , Chengdu , China

E-mail: [sales@concept-mw.com](mailto:sales@concept-mw.com)

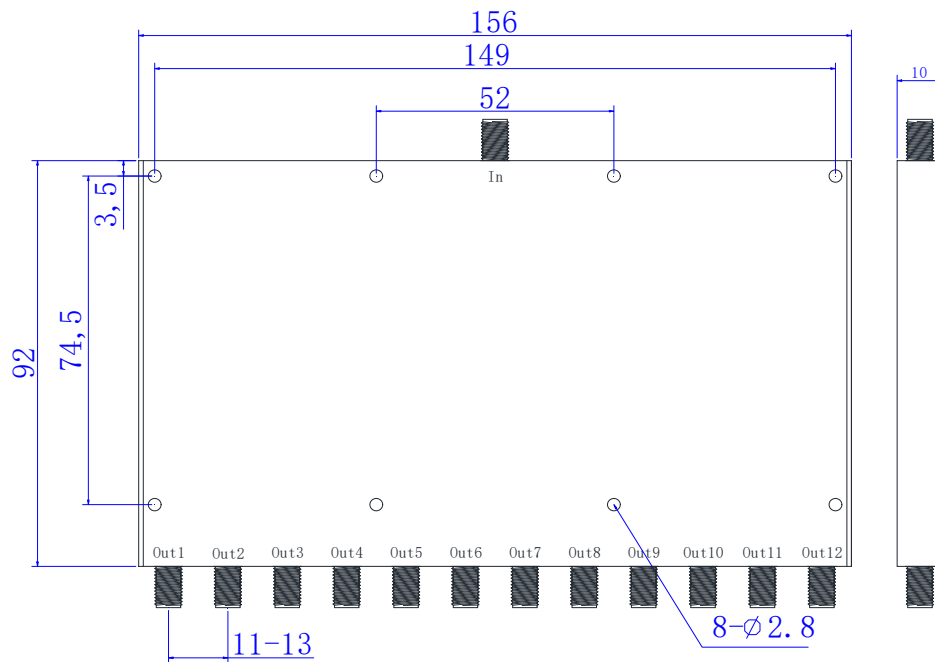
<http://www.concept-mw.com>

Page 1 of 3

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



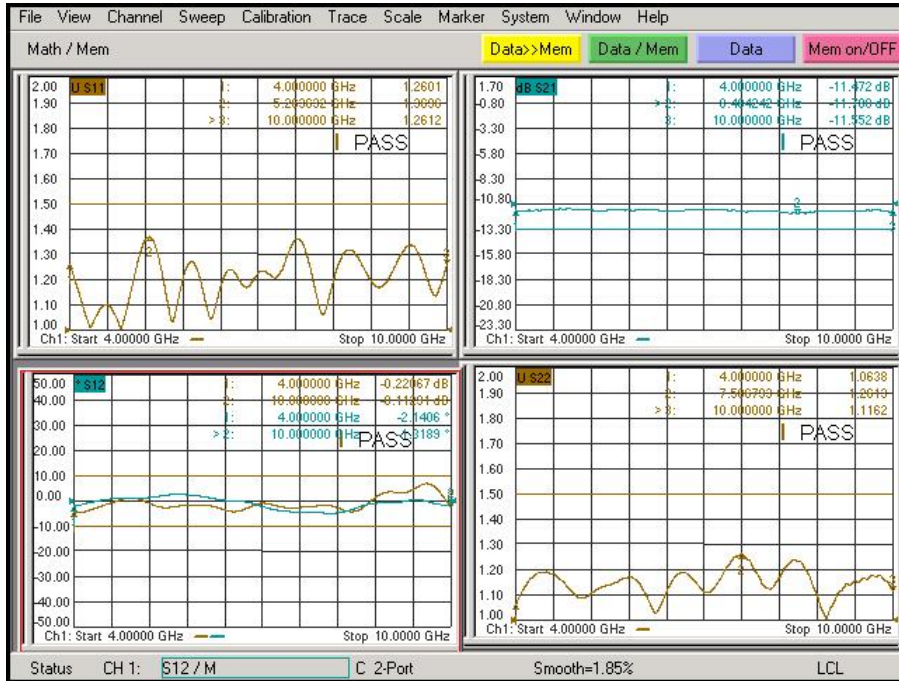
CONCEPT



## 6. Test Curve



### VSWR , I.L , Amplitude , Phase Balance



### Isolation

