



## 1. Feature

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

Power Divider

Part No: CPD02000M18000A02

Date: May.7<sup>th</sup>.2018

Revision No: Preliminary

## 2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	2000-18000MHz	
Insertion loss	≤1.0dB	
VSWR	≤1.50 (Input) ≤1.50 (Output)	
Amplitude Balance	≤±0.3dB	
Phase Balance	≤±5degree	
Isolation	≥16dB	
Average Power	30W ( Forward ) 1W (Reverse)	
Impedance	50Ω	

## 3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	47.0x24.0x10.0mm	
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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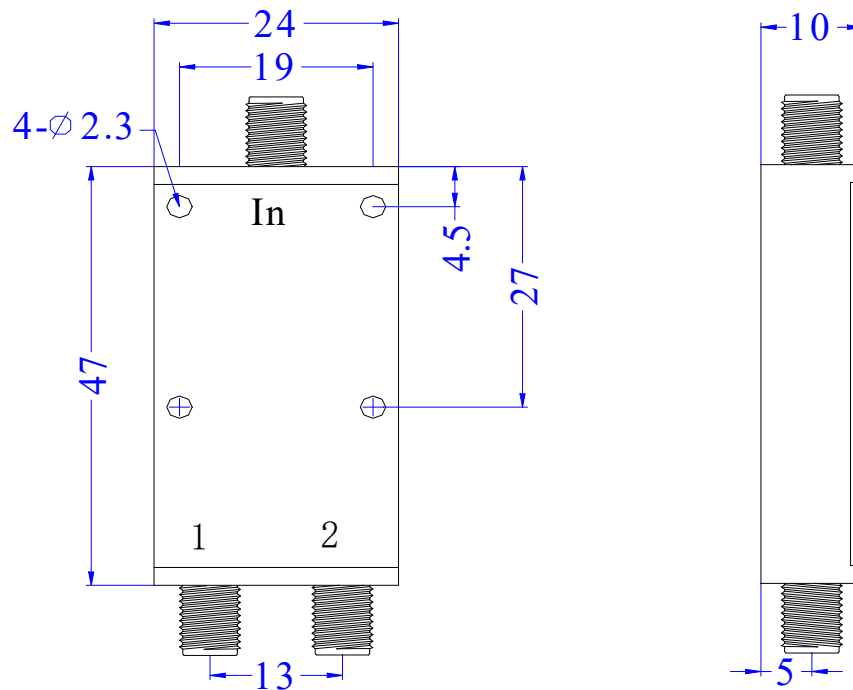
E-mail: [sales@concept-mw.com](mailto:sales@concept-mw.com)

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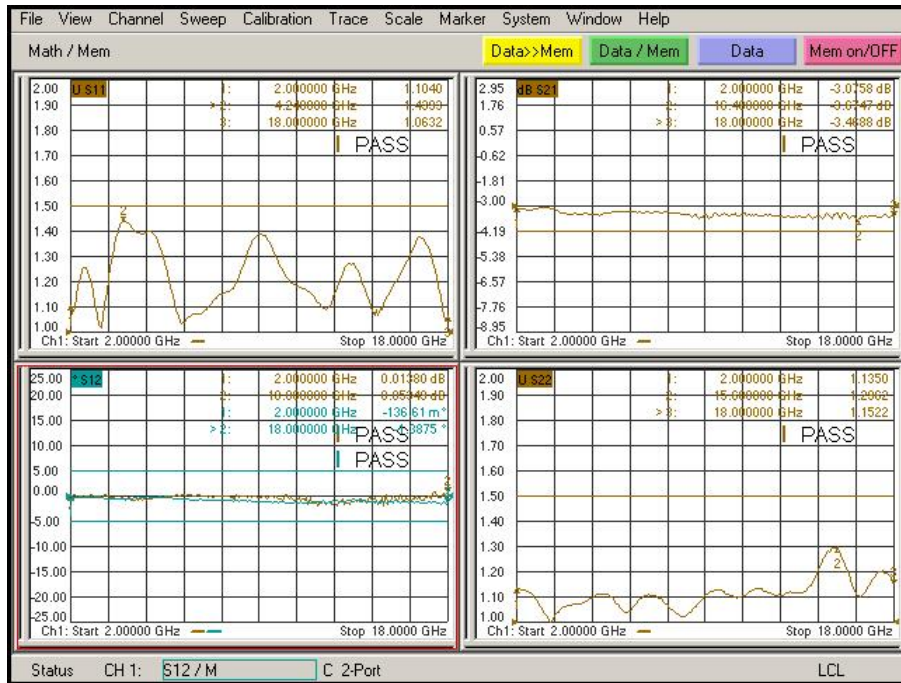
## 5. Outline Drawing ( $\pm 0.3\text{mm}$ )



## 6. Test Curve



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



### Isolation

