

1. Feature

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

Power Divider

Part No: CPD02000M08000A16

Date: May.2th.2014

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	2000-8000MHz	
Insertion loss	$\leq 2.0\text{dB}$	
VSWR	≤ 1.80 (Input) ≤ 1.50 (Output)	
Amplitude Balance	$\leq \pm 0.5\text{dB}$	
Phase Balance	$\leq \pm 8\text{degree}$	
Isolation	$\geq 18\text{dB}$	
Average Power	20W (Forward) 1W (Reverse)	
Impedance	50 Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	212.0x90.0x10.0mm	
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

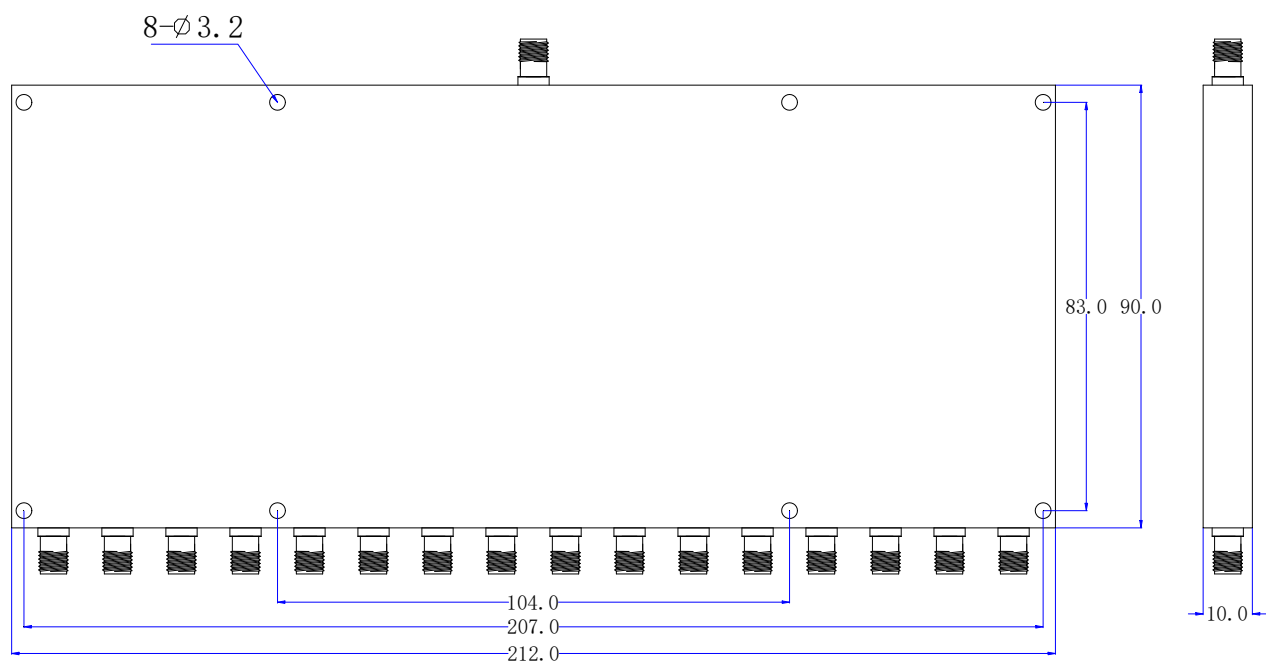
No.666 ,Jinfenghuang Road , CREC Industrial Park , Jinniu District , Chengdu , China

E-mail: sales@concept-mw.com

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

Page 1 of 3

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

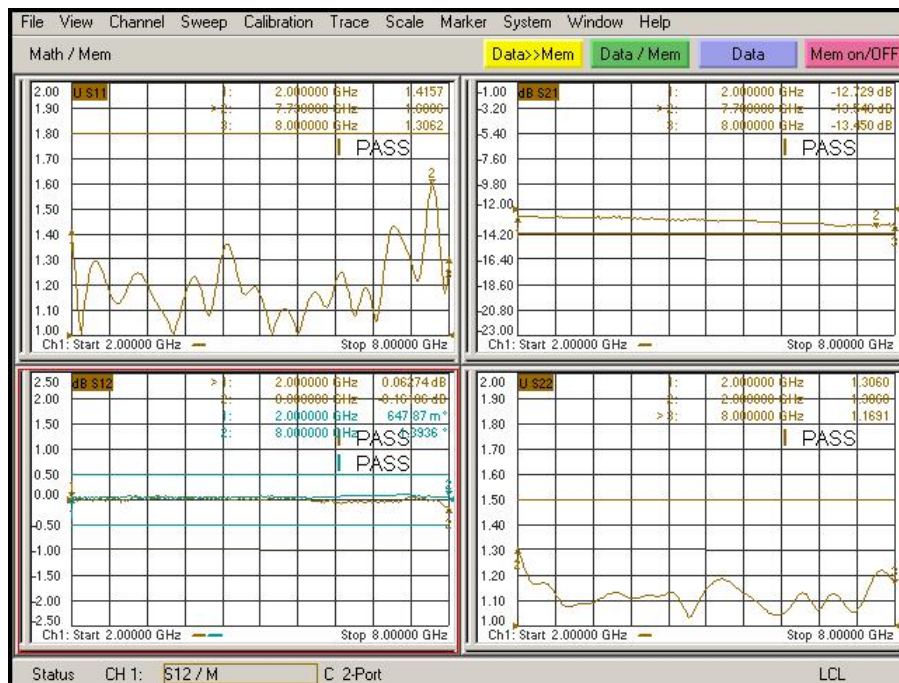


6. Test Curve



CONCEPT

VSWR , I.L , Amplitude , Phase Balance



Isolation

