



1. Feature

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

Directional Coupler

Part No: CDC01000M18000A10

Date: Aug.21th.2017

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	1000-18000MHz	
Nominal Coupling	10±1dB	
Coupling Sensitivity	≤±1.0dB	
Insertion loss	≤1.2dB (Exclusive 0.45dB Coupled Loss)	
VSWR	≤1.60	
Directivity	≥12dB	
Forward Power	50W	
Impedance	50Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	73.0x15.0x11.0mm	
Connector Type	SMA-female	
Surface Finish	Grey Painting	

4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-40 to +80 °C	
Storage Temperature	-55 to +85 °C	

*Professional manufacturer of
passive microwave components*

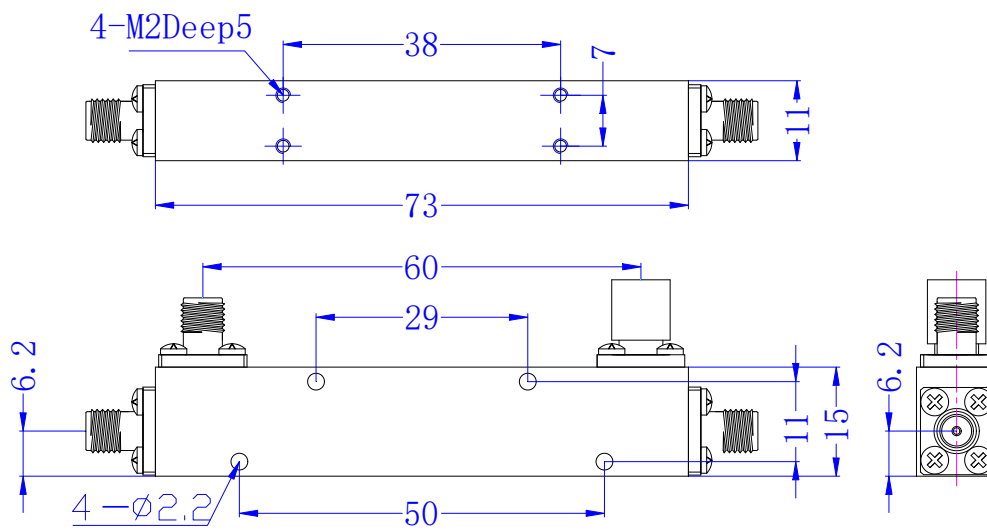
DN: CN0479-Aug./21th/2017

Technical Specifications

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



CONCEPT



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 2 of 2