



## 1. Feature

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

Power Divider

Part No: CPD00400M11000A02

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Revision No: A1

## 2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	400-11000MHz	
Insertion loss	$\leq 1.2\text{dB}@400-9500\text{MHz}$ // $\leq 1.7\text{dB}@9500-11000\text{MHz}$	
VSWR (Input)	$\leq 1.5@400-500\text{MHz}$ // $\leq 1.30@500-9500\text{MHz}$ // $\leq 1.80@9500-11000\text{MHz}$	
VSWR (Output)	$\leq 1.5@400-500\text{MHz}$ // $\leq 1.30@500-9500\text{MHz}$ // $\leq 1.70@9500-11000\text{MHz}$	
Amplitude Balance	$\leq \pm 0.2\text{dB}$	
Phase Balance	$\leq \pm 2\text{degree}$	
Isolation	$\geq 14\text{dB}@400-500\text{MHz}$ // $\geq 20\text{dB}@500-9500\text{MHz}$ // $\geq 17\text{dB}@9500-11000\text{MHz}$	
Average Power	20W ( Forward ) 1W (Reverse)	
Impedance	50 $\Omega$	

## 3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	90.0x30.0x10.0mm	
Connector Type	SMA-female	
Surface Finish	本导拉丝	

## 4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-40 to +80 °C	
Storage Temperature	-45 to +85 °C	

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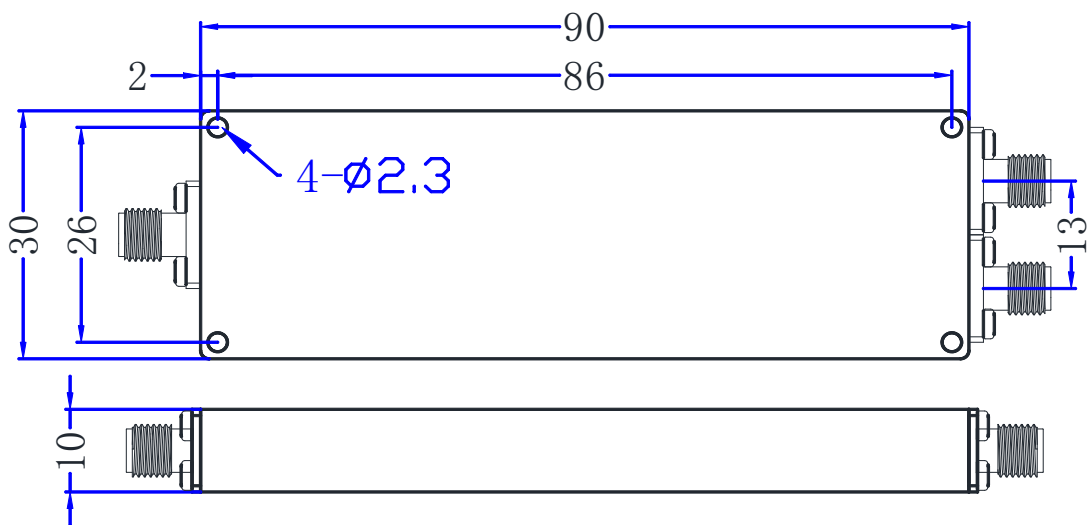
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5. Outline Drawing ( $\pm 0.5\text{mm}$ )



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## 6. Test Curves

