

# 4-18GHz 4way Power Divider

P/N: P40418GB



## Description:

The power divider is a 4 way power divider with a typical insertion loss of 0.5 dB and a typical isolation of 20 dB across the frequency range of 4 to 18GHz. The power divider can reach handling power 30W. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

## Electrical Specifications ( +25°C ) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		4-18		GHz
Insertion Loss	@4-8GHz	0.5	0.8	dB
	@8-12GHz	0.4	0.6	
	@12-18GHz	0.6	1.0	
Isolation	18	20		dB
Input VSWR	@4-8GHz	1.55	1.6	-
	@8-12GHz	1.3	1.45	-
	@12-18GHz	1.3	1.5	-
Output VSWR		1.3	1.4	-
Phase Unbalance			±5	°
Amplitude Unbalance			±0.5	dB
Power Handling		20	30	W
Impedance		50		Ω
Input Connector		SMA-Female		
Output Connector		SMA-Female		
Material		Aluminum		
Weight		/g		
Package Sealing		Black Color (Standard)		

## Environmental Specifications:

- ※ Operational Temperature -45°C~+85°C
- ※ Storage Temperature -55°C~+105°C



OBSERVE  
PRECAUTIONS ELECTROSTATIC  
SENSITIVE DEVICES

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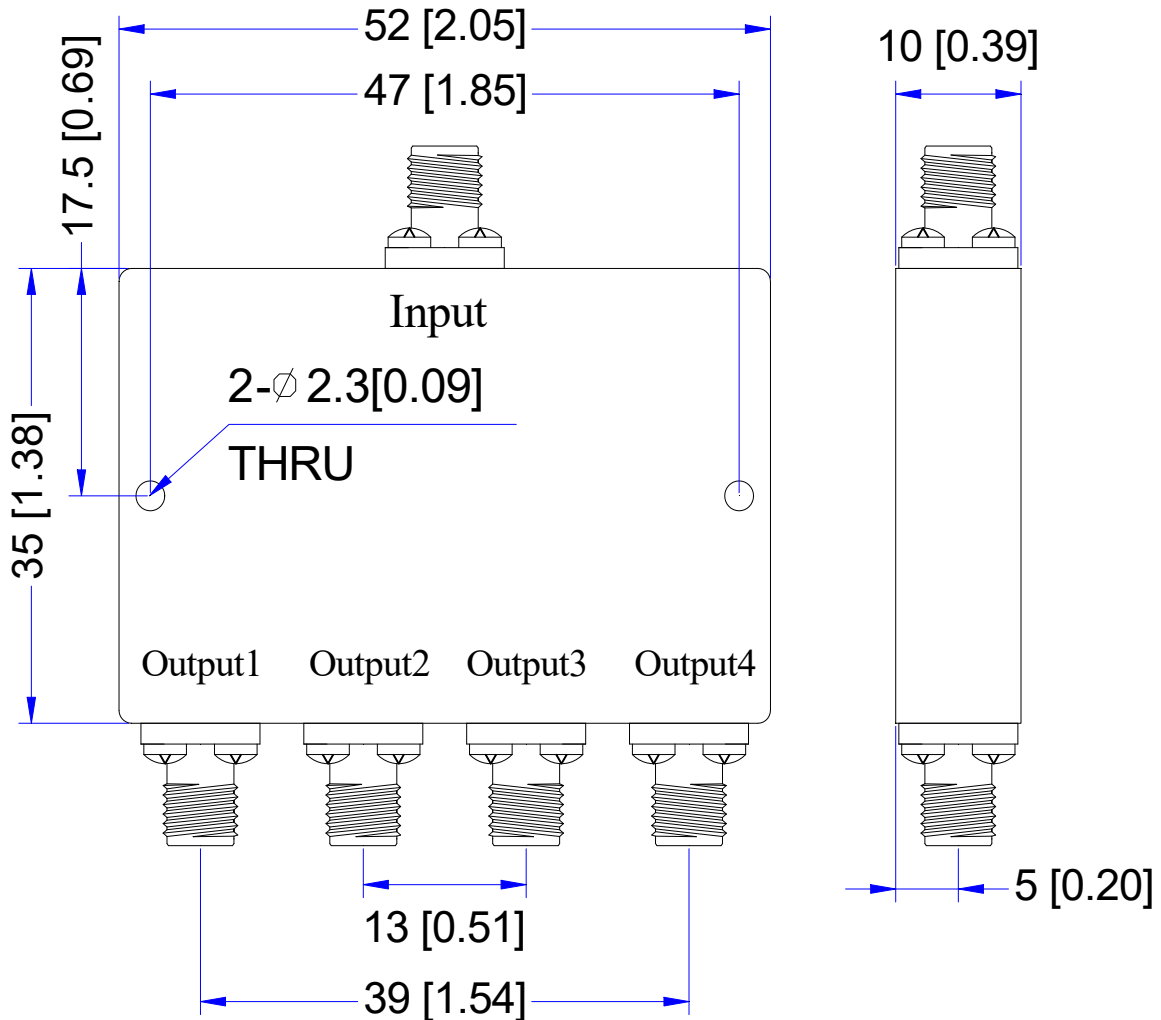
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## ■ Outline Drawing

All Dimensions in mm (inches) Tolerance  $\pm 0.25$  (0.01)



### NOTE:

1. The product is designed to meet environmental ratings but not tested. If you need to test environmental condition, please contact our sales department.
2. Miczen technologies co., Ltd. reserves the right to change the above information without notice.

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