

# 8-12GHz 3way Power Divider

P/N: MZP30818GA



### Description:

The power divider is a 3way power divider with a typical insertion loss of 0.6 dB and a typical isolation of 18dB across the frequency range of 8 to 18 GHz. The power divider can reach handling power 20W. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

### Electrical Specifications ( +25°C ) :

Parameter	Min.	Typ.	Max.	Units
Frequency Range		8-18		GHz
Insertion Loss		0.6	0.7	dB
Isolation	18			dB
Input VSWR			1.5	-
Output VSWR			1.5	-
Phase Unbalance			±5	°
Amplitude Unbalance			±0.6	dB
Forward Power Handle Capability		20		W
Reverse Power Handle Capability		1		W
Impedance		50		Ω
Connector		SMA-Female		
Material		Aluminum		
Weight		48g		
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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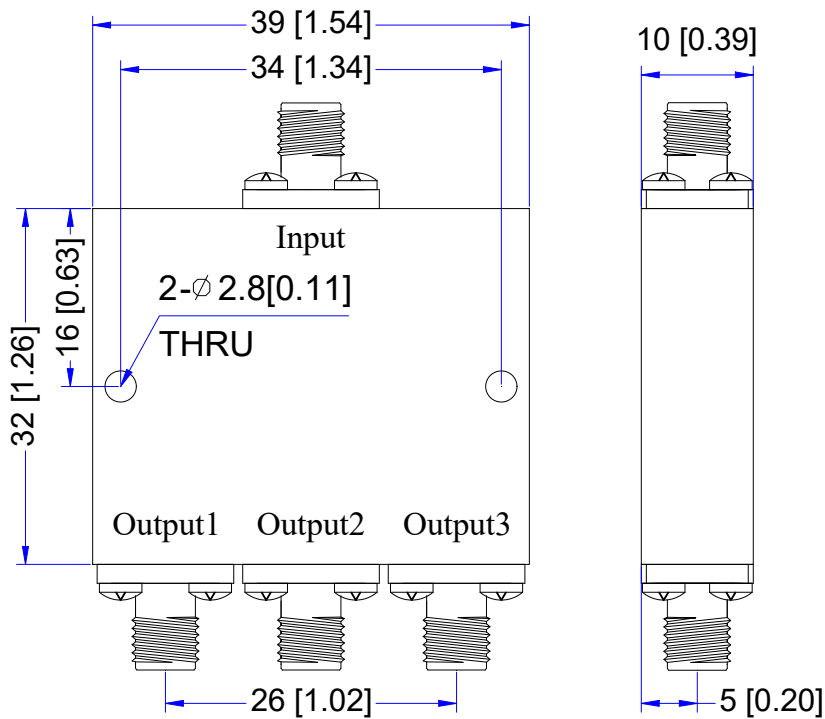
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## ■ Outline Drawing

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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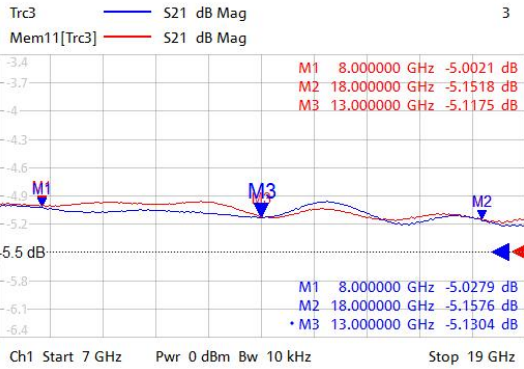
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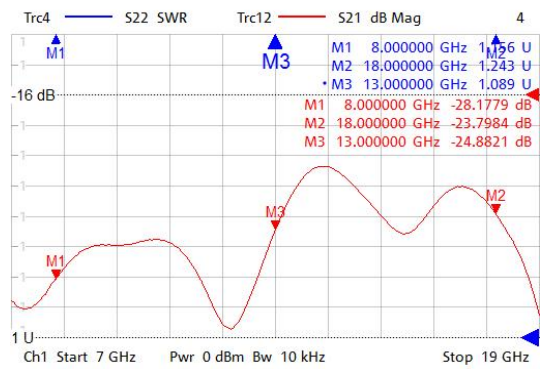


## Performance Plot

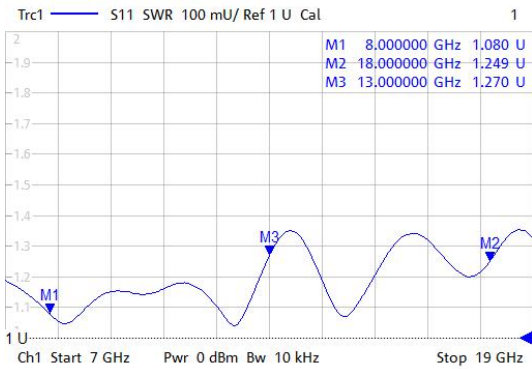
### Insertion loss&Amplitude Unbalance



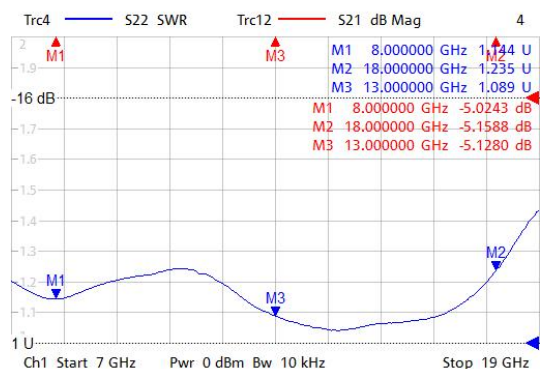
### Isolation



### Input VSWR



### Output VSWR



### Phase Unbalance

