

# 4-18GHz Broadband 180° Hybrid

P/N: MZH80418GA



## Description:

The hybrid is a broadband 180° hybrid with a typical insertion loss of 2.0 dB and a typical isolation of 15dB across the frequency range of 4 to 18 GHz. The directional coupler 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			2.0	dB
Isolation	15			dB
VSWR			1.8	-
Amplitude Unbalance			±1.2	dB
Phase Unbalance			±12	°
Power Handling		30		W
Impedance		50		Ω
Connector		SMA-Female		
Material		Aluminum		
Weight		-g		
Package Sealing		Blue Color(Standard)		

## Environmental Specifications:

- ※ Operational Temperature -45°C~+85°C
- ※ Storage Temperature -55°C~+125°C



OBSERVE  
PRECAUTIONS ELECTROSTATIC  
SENSITIVE DEVICES

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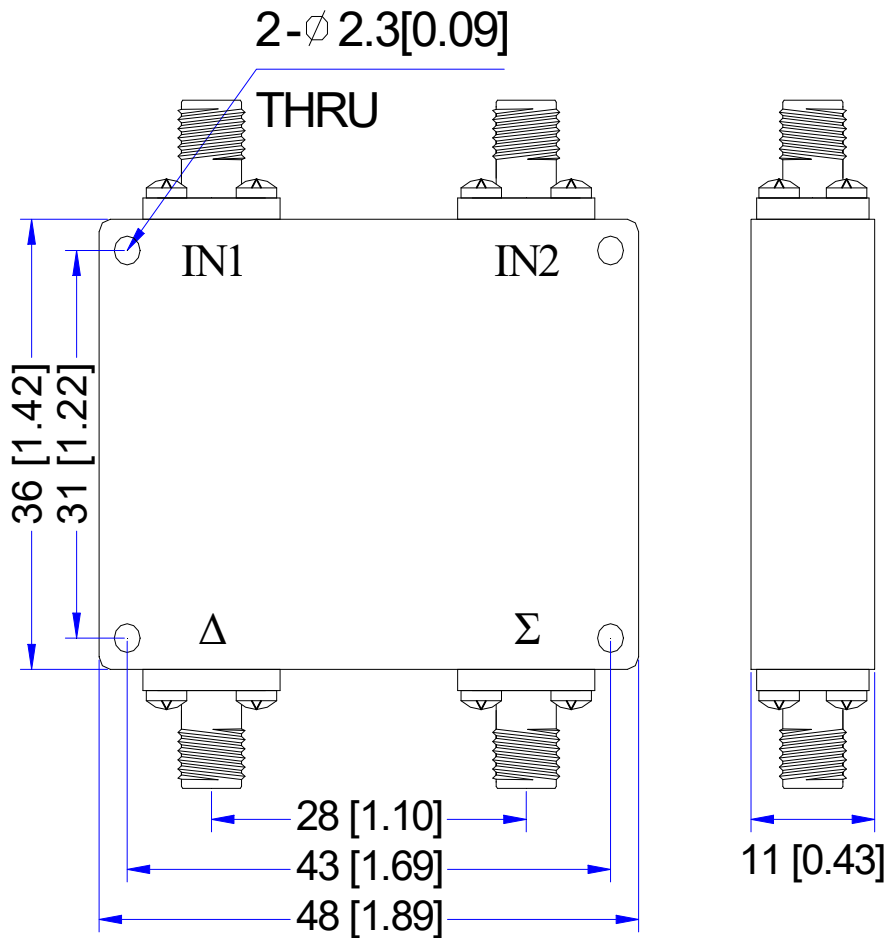
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## ■ Outline Drawing

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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