

## 2.9-3.4GHz 8way Power combiners

P/N: MZPC8029034GD



### Description:

The power divider is a 8way power combiners with a typical insertion loss of 0.5 dB and a typical isolation of 20dB across the frequency range of 2.9 to 3.4 GHz. The power divider can reach handling power 640W. Accept customization according to different needs.



- Radar Systems
- Communication Systems
- Receivers Systems

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

Parameter	Min.	Typ.	Max.	Units
Frequency Range		2.9-3.4		MHz
Insertion Loss			0.5	dB
Isolation	20			dB
Input VSWR			1.3	-
Output VSWR			1.3	-
Phase Unbalance			±12	°
Amplitude Unbalance			±0.3	dB
Forward Power Handle Capability		640		W
Reverse Power Handle Capability		5		KW
Pulse Width		500		usec
Duty Cycle		10%		
Impedance		50		Ω
Input/Output Connector		PCB-Microstrip(2oz)		
Material		Aluminum		
Weight		360g		
Package Sealing		Slivery White/Anodized		

### Environmental Specifications:

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



OBSERVE  
PRECAUTIONS ELECTROSTATIC  
SENSITIVE DEVICES

MICZEN THCHNOLOGIES CO.,LTD.

Phone: +86 28 65003621 | E-mail: sales@miczen.com | Web: www.miczen.com

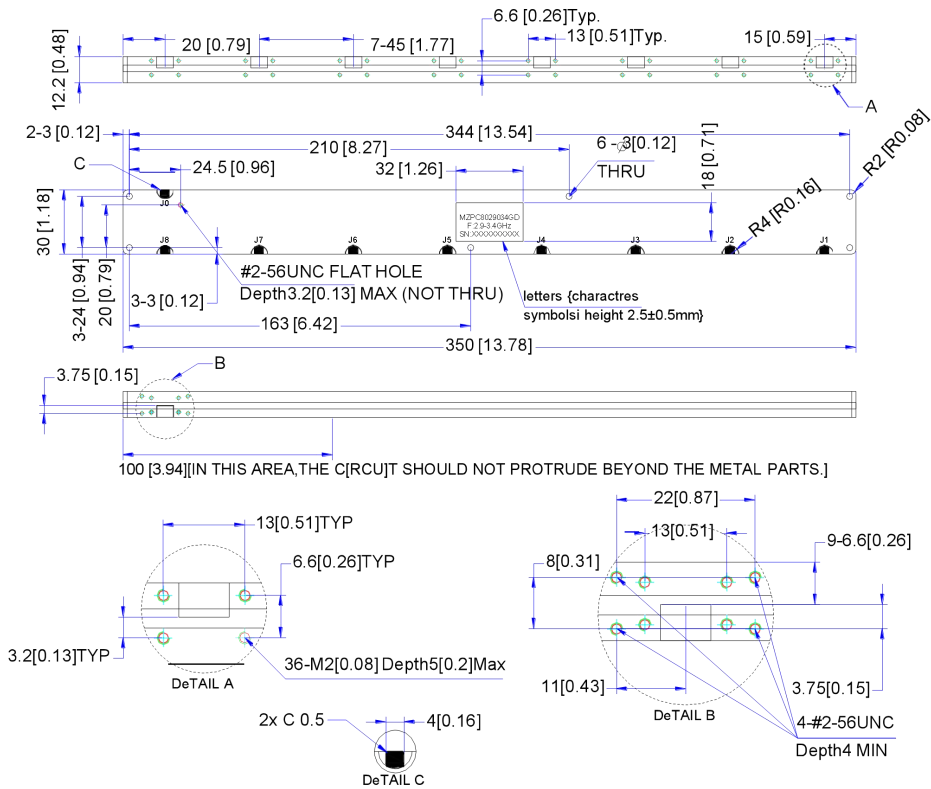
# 2.9-3.4GHz 8way Power combiners

P/N: MZPC8029034GD



## 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.

MICZEN THCHNOLOGIES CO.,LTD.

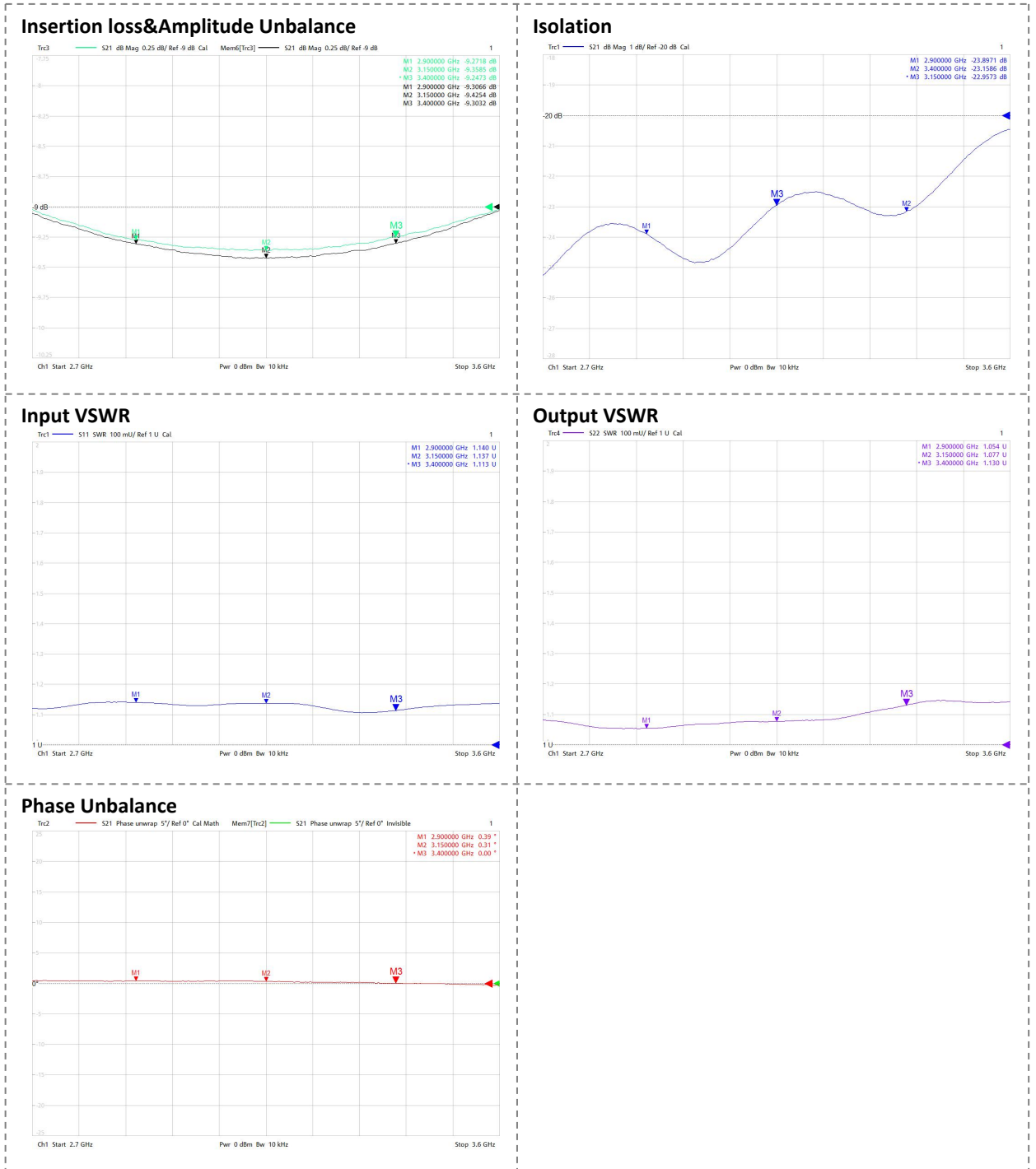
Phone: +86 28 65003621 | E-mail: sales@miczen.com | Web: www.miczen.com

# 2.9-3.4GHz 8way Power Divider

P/N: MZPC8029034GC



## Performance Plot



MICZEN THCNLOGIES CO.,LTD.

Phone: +86 28 65003621 | E-mail: sales@miczen.com | Web: www.miczen.com