

# YS4WPD100-5R4-5R8-S

4-Way Wilkinson Power Divider, 100 W, 5.4-5.8 GHz, SMA

## Key Features

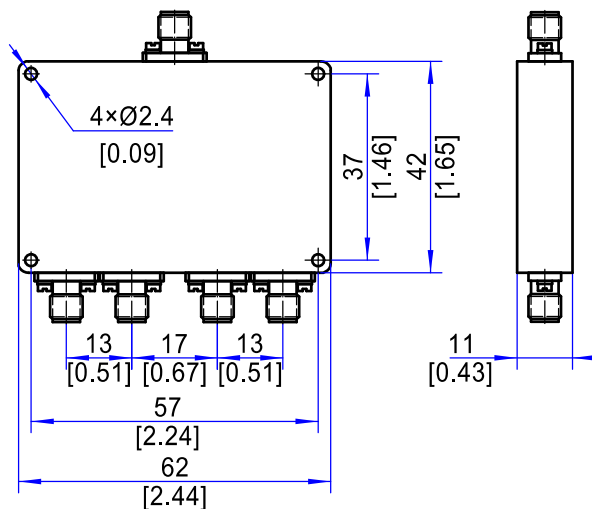
- 5.4-5.8 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 18$  dB)
- 100 W Power Handling

## Applications

- RF & Microwave Systems
- Test & Measurement
- Radar & EW Systems
- Communication Networks
- Signal Distribution

Electrical Specifications		
1	Frequency Range	5.4-5.8 GHz
2	Insertion Loss	$\leq 0.4$ dB
3	Input Port VSWR	$\leq 1.3:1$
4	Output Port VSWR	$\leq 1.4:1$
5	Isolation	$\geq 18$ dB
6	Amplitude Balance	$\leq \pm 0.4$ dB
7	Phase Balance	$\leq \pm 5^\circ$
8	Power Handling	100 W
9	Impedance	50 $\Omega$
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions <sup>1</sup>	62×42×11 mm / [2.44×1.65×0.43 in]

## Outline Drawing (Units: mm/[inch], Tolerance: $\pm 0.3$ mm)



Note 1: Excluding Connectors