

# YS4WPD50-R8-4R2-S

4-Way Wilkinson Power Divider, 50 W, 0.8-4.2 GHz, SMA

## Key Features

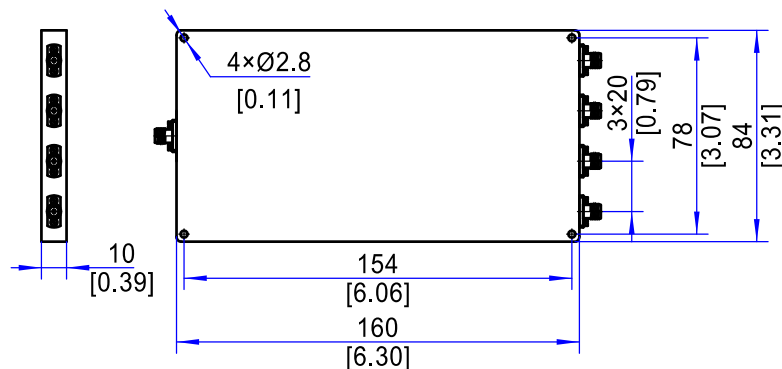
- 0.8-4.2 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 18$  dB)
- 50 W Power Handling

## Applications

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

Electrical Specifications		
1	Frequency Range	0.8-4.2 GHz
2	Insertion Loss	$\leq 1.2$ dB
3	Input Port VSWR	$\leq 1.5:1$
4	Output Port VSWR	$\leq 1.4:1$
5	Isolation	$\geq 18$ dB
6	Amplitude Balance	$\leq \pm 0.3$ dB
7	Phase Balance	$\leq \pm 5^\circ$
8	Power Handling	50 W
9	Impedance	50 $\Omega$
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Silver Plating
3	Dimensions <sup>1</sup>	160×84×10 mm / [6.30×3.31×0.39 in]

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



Note 1: Excluding Connectors