

## YS6WPD30-1-4-S

6-Way Wilkinson Power Divider, 30 W, 1-4 GHz, SMA

### Key Features

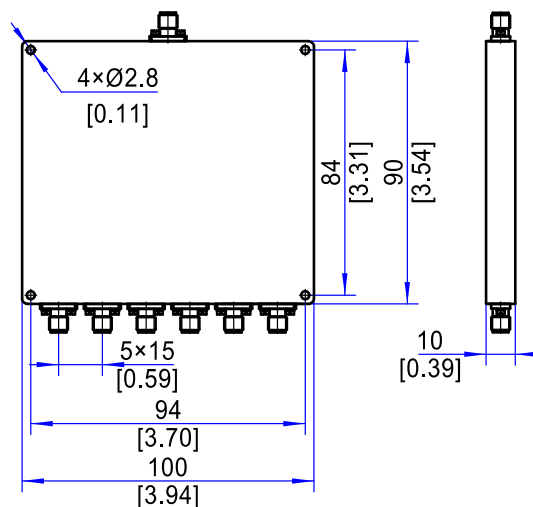
- 1-4 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 18$  dB)
- 30 W Power Handling

### Applications

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

Electrical Specifications		
1	Frequency Range	1-4 GHz
2	Insertion Loss	$\leq 1.0$ dB
3	Input Port VSWR	$\leq 1.5:1$
4	Output Port VSWR	$\leq 1.3:1$
5	Isolation	$\geq 18$ dB
6	Amplitude Balance	$\leq \pm 0.2$ dB
7	Phase Balance	$\leq \pm 5^\circ$
8	Power Handling	30 W(CW)
9	Impedance	50 $\Omega$
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Cavity: Silver plated Cover: Natural conductive oxidation
3	Dimensions <sup>1</sup>	100×90×10 mm / [3.94×3.54×0.39 in]

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



Note 1: Excluding Connectors