

## YS8WPD1-2-12-S

8-Way Wilkinson Power Divider, 1 W, 2-12 GHz, SMA

### Key Features

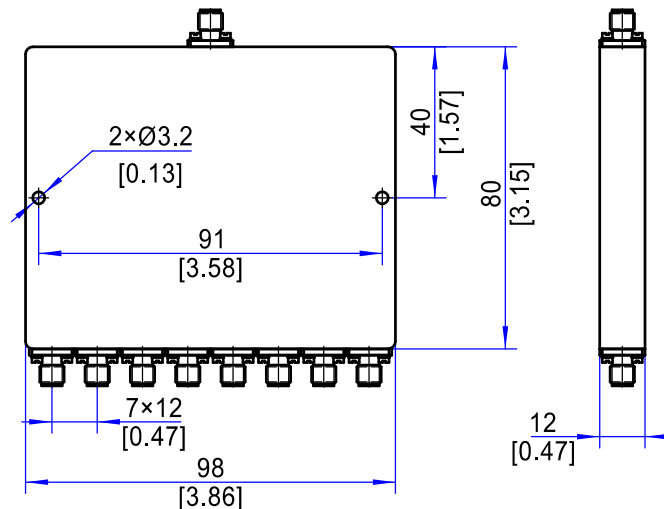
- 2-12 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 16$  dB)
- 1 W Power Handling

### Applications

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

Electrical Specifications		
1	Frequency Range	2-12 GHz
2	Insertion Loss	$\leq 2.5$ dB
3	Input Port VSWR	$\leq 1.6:1$
4	Output Port VSWR	$\leq 1.5:1$
5	Isolation	$\geq 16$ dB
6	Amplitude Balance	$\leq \pm 0.3$ dB
7	Phase Balance	$\leq \pm 5^\circ$
8	Power Handling	1 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	Putty filling and gray-white paint spraying
3	Dimensions <sup>1</sup>	98×80×12 mm / [3.86×3.15×0.47 in]

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



Note 1: Excluding Connectors