

## YS2WPD10-R7-12-S

2-Way Wilkinson Power Divider, 10 W, 0.7-12 GHz, SMA

### Key Features

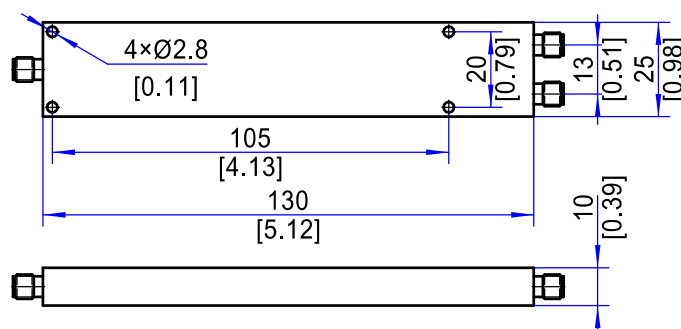
- 0.7-12 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 15$  dB)
- 10 W Power Handling

### Applications

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

Electrical Specifications		
1	Frequency Range	0.7-12 GHz
2	Insertion Loss	$\leq 1.5$ dB
3	Input Port VSWR	$\leq 1.6:1$
4	Output Port VSWR	$\leq 1.6:1$
5	Isolation	$\geq 15$ dB
6	Amplitude Balance	$\leq \pm 0.4$ dB
7	Phase Balance	$\leq \pm 5^\circ$
8	Power Handling	Forward Power: 10 W; Reverse Power: 0.5 W
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>	130×25×10 mm / [5.12×0.98×0.39 in]

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



Note 1: Excluding Connectors