

# YS2WPD1-R1-2-S

2-Way Wilkinson Power Divider, 1 W, 0.1-2 GHz, SMA

## Key Features

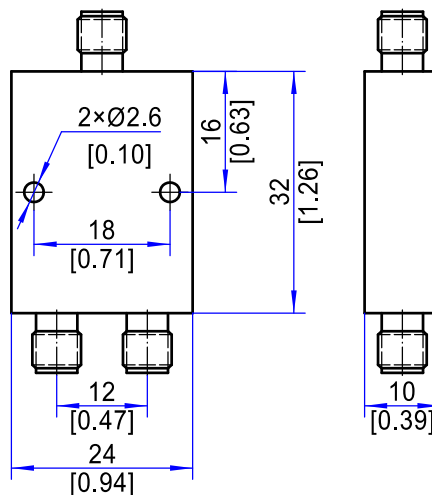
- 0.1-2 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 18$  dB)
- 1 W Power Handling

## Applications

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

Electrical Specifications		
1	Frequency Range	0.1-2 GHz
2	Insertion Loss	$\leq 1.3$ dB
3	VSWR	$\leq 1.3:1$
4	Isolation	$\geq 18$ dB
5	Amplitude Balance	$\leq \pm 0.3$ dB
6	Phase Balance	$\leq \pm 3^\circ$
7	Power Handling	1 W
8	Impedance	50 $\Omega$
Environmental Specifications		
1	Operating Temperature	-40°C to +55°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions <sup>1</sup>	32×24×10 mm / [1.26×0.94×0.39 in]

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



Note 1: Excluding Connectors