

## YS2WPD2-18-50-2

2-Way Wilkinson Power Divider, 2 W, 18-50 GHz, 2.4 mm

### Key Features

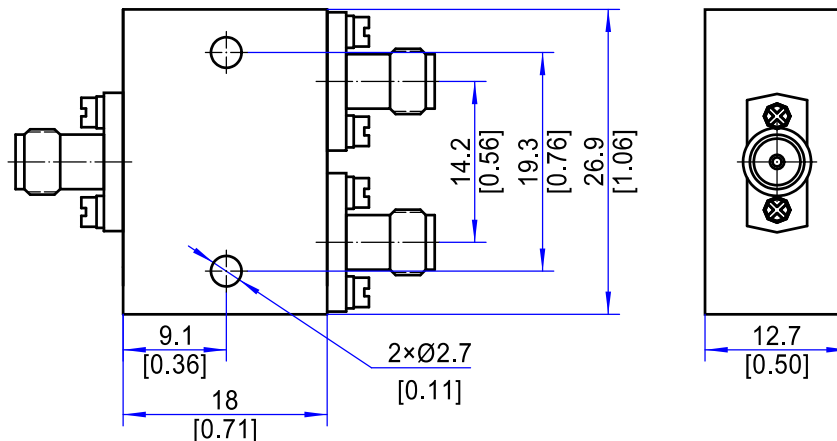
- 18-50 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 12$  dB)
- 2 W Power Handling

### Applications

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

Electrical Specifications		
1	Frequency Range	18-50 GHz
2	Insertion Loss	$\leq 2.5$ dB
3	Insertion Loss Flatness	$\leq 2.0$ dB
4	Input Port VSWR	$\leq 2.0:1$
5	Output Port VSWR	$\leq 1.8:1$
6	Isolation	$\geq 12$ dB
7	Amplitude Balance	$\leq \pm 1.0$ dB
8	Phase Balance	$\leq \pm 10^\circ$
9	Power Handling	2 W(CW)
10	Impedance	50 $\Omega$
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	2.4 mm Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions <sup>1</sup>	18×26.9×12.7 mm / [0.71×1.06×0.50 in]

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



Note 1: Excluding Connectors