

YS2WPD10-12-18-S

2-Way Wilkinson Power Divider, 10 W, 12-18 GHz, SMA

Key Features

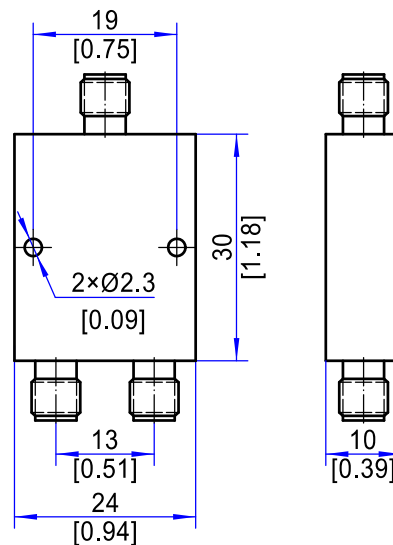
- 12-18 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 16 dB)
- 10 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	12-18 GHz
2	Insertion Loss	≤ 0.8 dB
3	Input Port VSWR	$\leq 1.5:1$
4	Output Port VSWR	$\leq 1.5:1$
5	Isolation	≥ 16 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 Ω
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 ¹	24×30×10 mm / [0.94×1.18×0.39 in]

Outline Drawing (Units: mm/[inch], Tolerance: ± 0.3 mm)



Note 1: Excluding Connectors