

YS8WPD10-6-12-S

8-Way Wilkinson Power Divider, 10 W, 6-12 GHz, SMA

Key Features

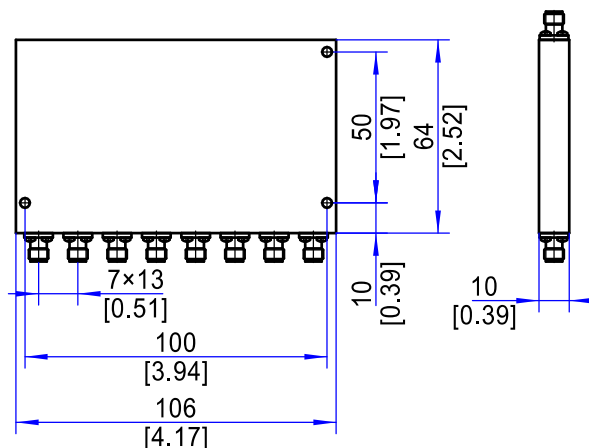
- 6-12 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 18 dB)
- 10 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	6-12 GHz
2	Insertion Loss	≤ 1.2 dB (Excluding theoretical loss 9.03 dB)
3	Input Port VSWR	$\leq 1.45:1$
4	Output Port VSWR	$\leq 1.35:1$
5	Isolation	≥ 18 dB
6	Amplitude Balance	$\leq \pm 0.3$ dB
7	Phase Balance	$\leq \pm 4^\circ$
8	Power Handling	Forward Power: 10 W; Reverse Power: 1 W
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-45°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Black Paint
3	Dimensions ¹	106×64×10 mm / [1.10×1.10×0.39 in]
4	Weight(g)	190

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



Note 1: Excluding Connectors