

YS4WPD10-4R7-10R7-S

4-Way Wilkinson Power Divider, 10 W, 4.7-10.7 GHz, SMA

Key Features

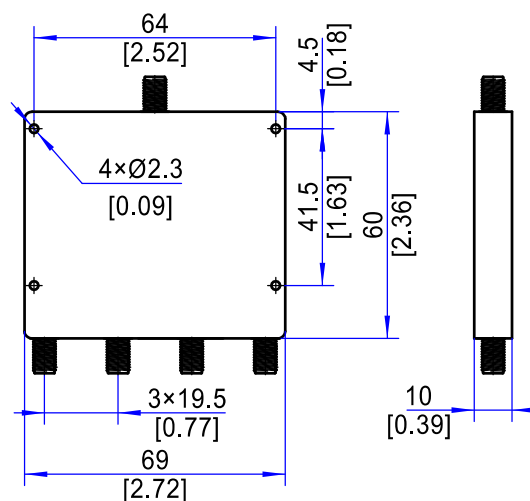
- 4.7-10.7 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 18 dB)
- 10 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	4.7-10.7 GHz
2	Insertion Loss	≤ 1.5 dB
3	Input Port VSWR	$\leq 1.55:1$
4	Isolation	≥ 18 dB
5	Amplitude Balance	$\leq \pm 0.5$ dB
6	Phase Balance	$\leq \pm 5^\circ$
7	Power Handling	Forward Power: 10 W; Reverse Power: 1 W
8	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	69×60×10 mm / [2.72×2.36×0.39 in]

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



Note 1: Excluding Connectors