

YS4WPD50-R5-3-S

4-Way Wilkinson Power Divider, 50 W, 0.5-3 GHz, SMA

Key Features

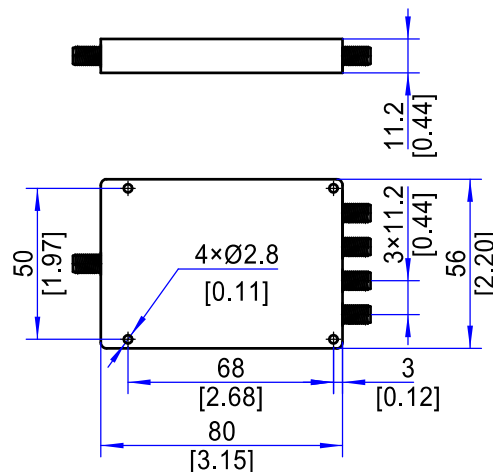
- 0.5-3 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 13 dB)
- 50 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	0.5-3 GHz
2	Insertion Loss	≤ 1.0 dB
3	Input Port VSWR	$\leq 1.5:1$
4	Output Port VSWR	$\leq 1.4:1$
5	Isolation	≥ 13 dB@0.5-0.69 GHz ≥ 16 dB@0.69-3 GHz,
6	Amplitude Balance	$\leq \pm 0.3$ dB
7	Phase Balance	$\leq \pm 4^\circ$
8	Power Handling	50 W
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Cavity: Silver plated Cover: Natural conductive oxidation
3	Dimensions ¹	80×56×11.2 mm / [3.15×2.20×0.44 in]

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



Note 1: Excluding Connectors