

YS4WPD20-R8-4R2-S

4-Way Wilkinson Power Divider, 20 W, 0.8-4.2 GHz, SMA

Key Features

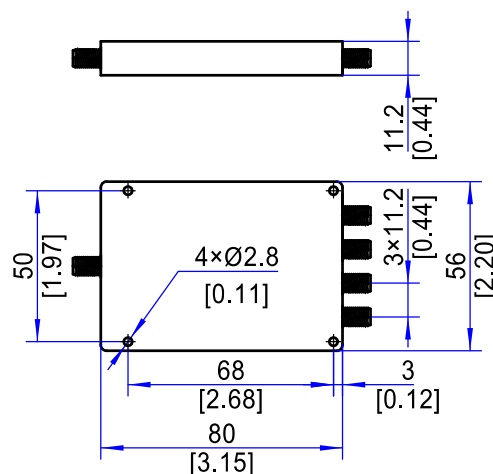
- 0.8-4.2 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 18 dB)
- 20 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	0.8-4.2 GHz
2	Insertion Loss	≤ 1.2 dB
3	Input Port VSWR	$\leq 1.4:1$
4	Output Port VSWR	$\leq 1.4:1$
5	Isolation	≥ 18 dB
6	Amplitude Balance	$\leq \pm 0.3$ dB
7	Phase Balance	$\leq \pm 4^\circ$
8	Power Handling	20 W(CW)
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	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