YS4WPD100-R5-2-S-1

4-Way Wilkinson Power Divider, 100 W, 0.5-2 GHz, SMA

Key Features

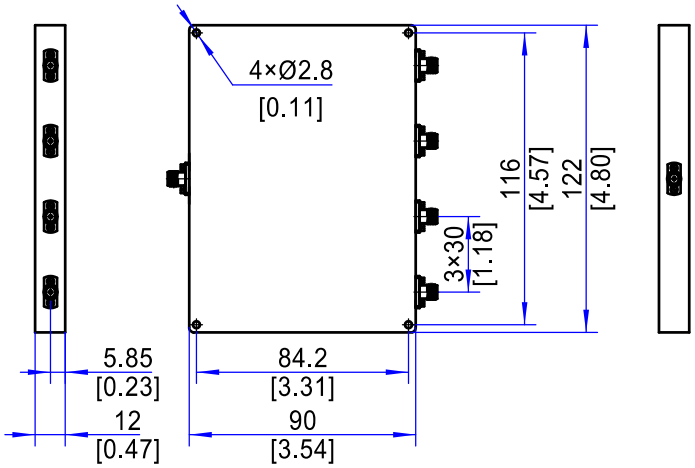
- 0.5-2 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥18 dB)
- 100 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	0.5-2 GHz
2	Insertion Loss	≤0.75 dB
3	Input Port VSWR	≤1.3:1
4	Isolation	≥18 dB
5	Amplitude Balance	≤±0.3 dB
6	Phase Balance	≤±4°
7	Power Handling	100 W(CW)
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	Input: SMA Female Outputs: SMA Female (detachable, center pin Ø0.5 mm)
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions[1]	90×122×12 mm / [3.54×4.80×0.47 in]

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



Note 1: Excluding Connectors