

YS4WPD100-2-4-S

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

Key Features

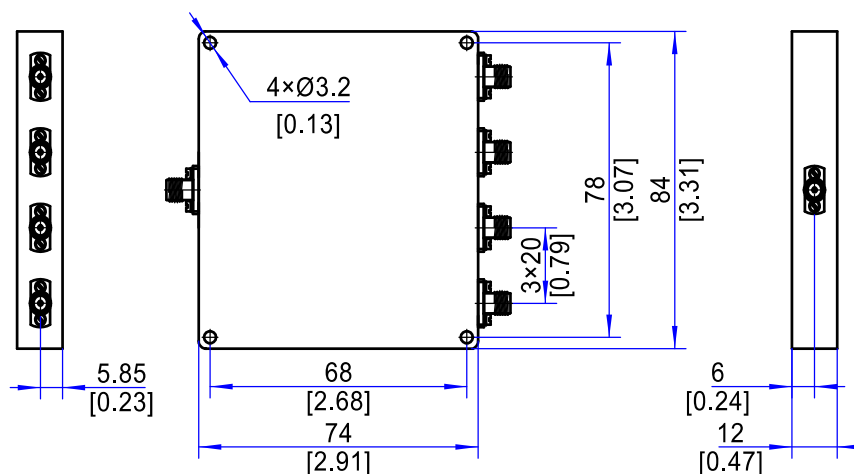
- 2-4 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 16 dB)
- 100 W Power Handling

Applications

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

| Electrical Specifications | | |
|------------------------------|-------------------------|--|
| 1 | Frequency Range | 2-4 GHz |
| 2 | Insertion Loss | ≤ 0.8 dB |
| 3 | Input Port VSWR | $\leq 1.4:1$ |
| 4 | Isolation | ≥ 16 dB |
| 5 | Amplitude Balance | $\leq \pm 0.3$ dB |
| 6 | Phase Balance | $\leq \pm 6^\circ$ |
| 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 $\varnothing 0.5$ mm) |
| 2 | Surface Finishing | Putty filling and gray-white paint spraying |
| 3 | Dimensions ¹ | 74×84×12 mm / [2.91×3.31×0.47 in] |

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



Note 1: Excluding Connectors