

YS6WPD80-1-4-S

6-Way Wilkinson Power Divider, 80 W, 1-4 GHz, SMA

Key Features

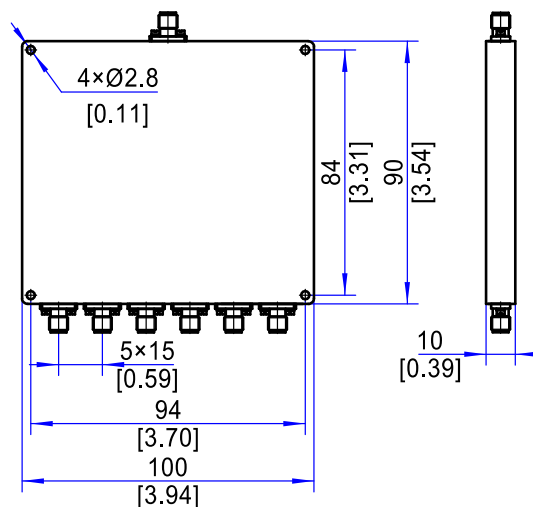
- 1-4 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 18 dB)
- 80 W Power Handling

Applications

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

| Electrical Specifications | | |
|------------------------------|-------------------------|--|
| 1 | Frequency Range | 1-4 GHz |
| 2 | Insertion Loss | ≤ 1.4 dB |
| 3 | Input Port VSWR | $\leq 1.5:1$ |
| 4 | Output Port VSWR | $\leq 1.3:1$ |
| 5 | Isolation | ≥ 18 dB |
| 6 | Amplitude Balance | $\leq \pm 0.2$ dB |
| 7 | Phase Balance | $\leq \pm 5^\circ$ |
| 8 | Power Handling | 80 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 | Cavity: Silver plated Cover: Natural conductive oxidation |
| 3 | Dimensions ¹ | 100×90×10 mm / [3.94×3.54×0.39 in] |

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



Note 1: Excluding Connectors