

YS6WPD100-R35-1-S

6-Way Wilkinson Power Divider, 100 W, 0.35-1 GHz, SMA

Key Features

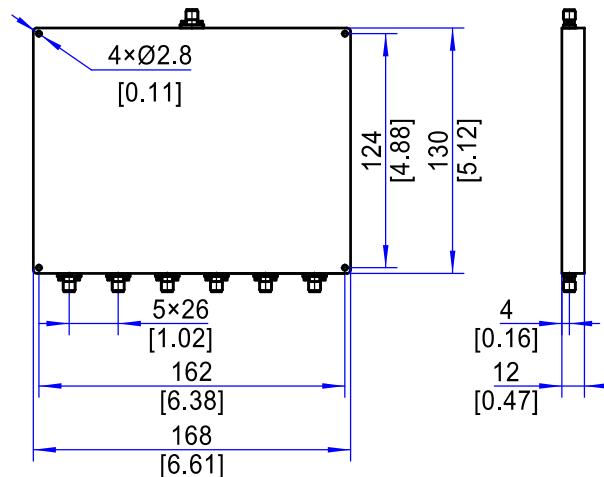
- 0.35-1 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 18 dB)
- 100 W Power Handling

Applications

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

| Electrical Specifications | | |
|------------------------------|-------------------------|--|
| 1 | Frequency Range | 0.35-1 GHz |
| 2 | Insertion Loss | ≤ 1.0 dB |
| 3 | Input Port VSWR | $\leq 1.4:1$ |
| 4 | Output Port VSWR | $\leq 1.3:1$ |
| 5 | Isolation | ≥ 18 dB |
| 6 | Amplitude Balance | $\leq \pm 0.3$ dB |
| 7 | Phase Balance | $\leq \pm 4^\circ$ |
| 8 | Power Handling | 100 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 | 168×130×12 mm / [6.61×5.12×0.47 in] |

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



Note 1: Excluding Connectors