

YS2WPD10-1-12-S

2-Way Wilkinson Power Divider, 10 W, 1-12 GHz, SMA

Key Features

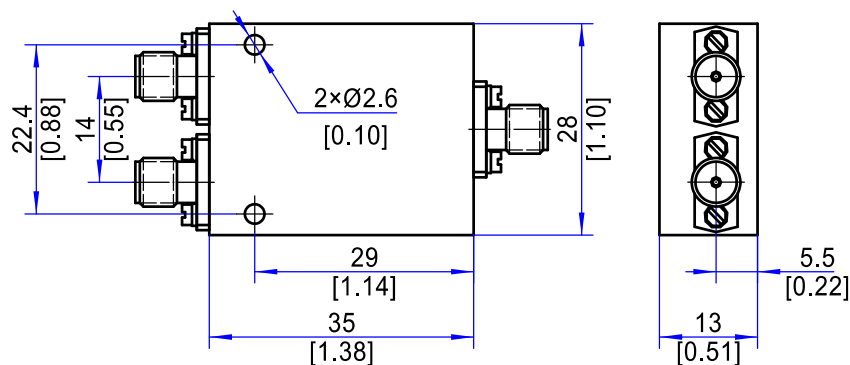
- 1-12 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 8 dB)
- 10 W Power Handling

Applications

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

| Electrical Specifications | | |
|------------------------------|-------------------------|--|
| 1 | Frequency Range | 1-12 GHz |
| 2 | Insertion Loss | ≤ 1.0 dB |
| 3 | VSWR | $\leq 1.8@1-2$ GHz; $\leq 1.5@2-12$ GHz |
| 4 | Isolation | ≥ 8 dB@1-2 GHz; ≥ 15 dB@2-12 GHz |
| 5 | Amplitude Balance | $\leq \pm 0.4$ dB |
| 6 | Phase Balance | $\leq \pm 5^\circ$ |
| 7 | Power Handling | ≤ 10 W(CW) |
| 8 | Impedance | 50 Ω |
| Environmental Specifications | | |
| 1 | Operating Temperature | -55°C to +85°C |
| Mechanical Specifications | | |
| 1 | Connectors | SMA Female |
| 2 | Dimensions ¹ | 35×28×13 mm / [1.38×1.10×0.51 in] |

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



Note 1: Excluding Connectors