

YSDDC80-2-6-55-S

Dual Directional Coupler, 80 W, 2-6 GHz, 55 dB coupling, SMA

Key Features

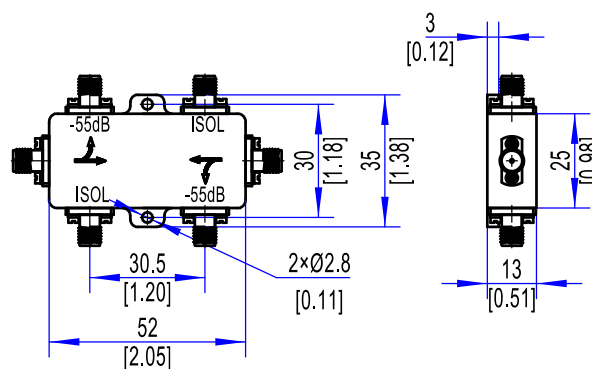
- Broadband 2-6 GHz operation
- High coupling accuracy: 55 dB \pm 1.0 dB
- Low insertion loss: \leq 0.3 dB
- High power handling: 80 W (CW)
- Connector type: SMA Female

Applications

- RF power amplifier monitoring
- VSWR reflected power measurement
- Test & measurement setups
- Microwave system integration
- Lab & production testing

| Electrical Specifications | | |
|------------------------------|-------------------------|-----------------------------------|
| 1 | Frequency Range | 2-6 GHz |
| 2 | Coupling | 55 \pm 1.0 dB |
| 3 | Coupling Flatness | $\leq \pm$ 1.0 dB |
| 4 | Insertion Loss | \leq 0.3 dB |
| 5 | Main Line VSWR | \leq 1.5:1 |
| 6 | Directivity | \geq 15 dB |
| 7 | Power | 80 W(CW) / 650 W(PK) |
| Environmental Specifications | | |
| 1 | Operating Temperature | -55°C to +85°C |
| Mechanical Specifications | | |
| 1 | Connectors | SMA Female |
| 2 | Dimensions ¹ | 52×25×13 mm / [2.05×0.98×0.51 in] |

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



Note 1: Excluding Connector size