

OPD-A0231



FEATURES

- Small size
- Low loss
- Low VSWR
- High isolation
- High product consistency suitable for mass production
- Customizable designs available

DESCRIPTION

The A-series power dividers are SMA connector 0° power dividers, covering a full range of 0.5-18GHz. They feature small physical dimensions, low loss, low VSWR, and high isolation. This series utilizes mass production control measures, ensuring high quality consistency to meet large-volume delivery requirements. The OPD-A0231 is primarily used in electronic warfare, radar, navigation, testing, and communication systems for signal distribution and combining. Standardized products are available, and custom designs based on user requirements are also supported.

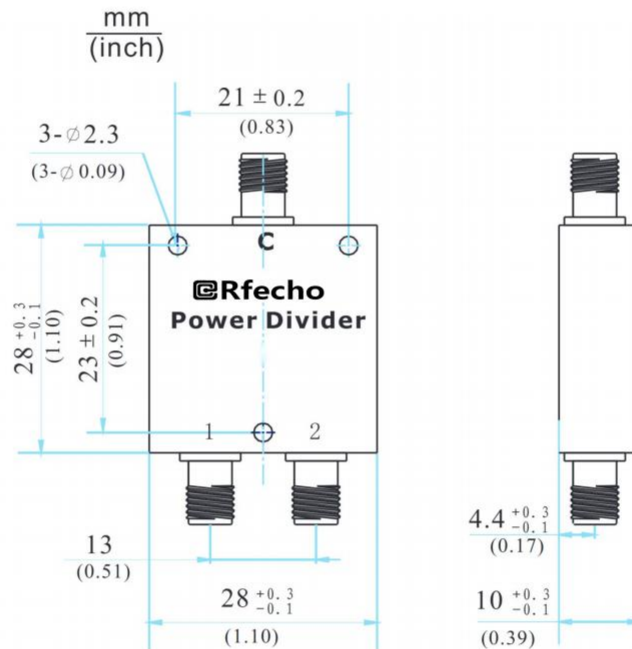
TECHNICAL SPECIFICATIONS

| Frequency Range | Insertion Loss | Isolation | Input VSWR | Output VSWR | Amplitude Balance | Phase Balance | Connector | Power Handling |
|-----------------|----------------|-----------|------------|-------------|-------------------|---------------|-----------|----------------|
| 1-2GHz | 0.35dB | 20dB | 1.20 | 1.15 | ±0.20dB | ±2° | SMA-F | 30W |

ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -55~+85°C
- Storage Temperature: -55~+100°C
- Meets 'GJB-1509-1992' test requirements

OUTLINE DRAWING



TYPICAL CURVES

