

OPD-A0234



FEATURES

- Frequency Range: 6-18GHz
- Insertion Loss: 0.70dB
- Isolation: 18dB
- Input/Output VSWR: 1.50
- Amplitude Balance: ± 0.40 dB
- Phase Balance: $\pm 5^\circ$
- Connector: SMA-F
- Power Handling: 30W
- Small size, low loss, high consistency
- Applications: Electronic Warfare, Radar, Test & Measurement, Satellite Communications

DESCRIPTION

The OPD-A series power dividers are 0° SMA connector power dividers covering the full 0.5-18GHz range. They feature compact size, low loss, low VSWR, and high isolation. Utilizing mass production control methods, this series offers high product quality consistency suitable for large-volume supply. The OPD-A0234 is primarily used in systems such as electronic warfare, radar, test and measurement, and satellite communications for the distribution and combination of microwave signals.

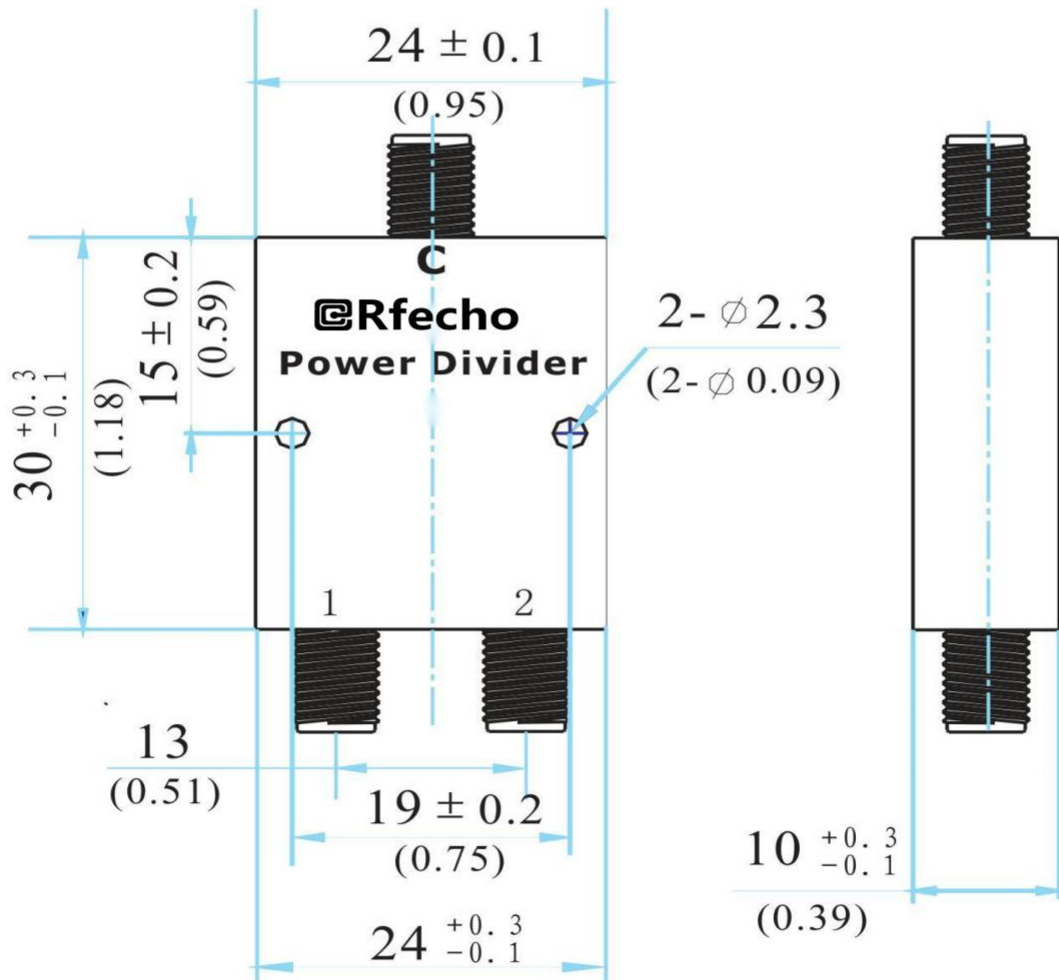
TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
6-18GHz	0.70dB	18dB	1.50	1.50	±0.40dB	±5°	SMA-F	30W

ENVIRONMENTAL SPECIFICATIONS

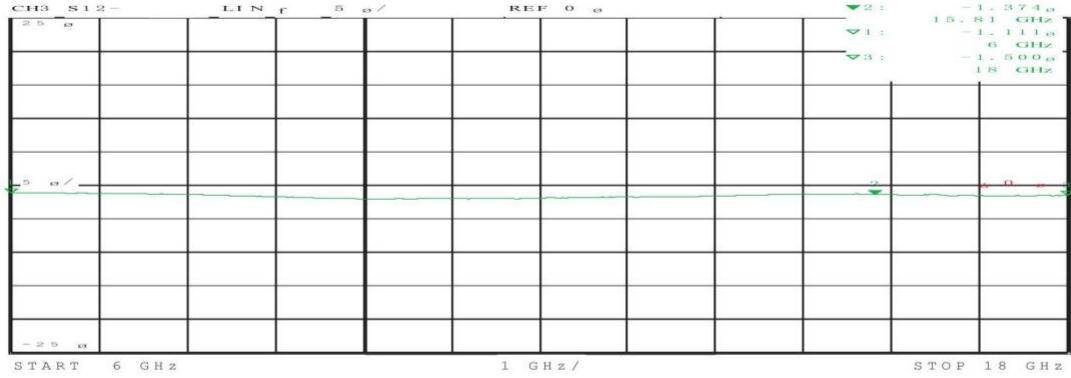
- Operating Temperature: -55~+85
- Storage Temperature: -55~+100
- Compliant with GJB-1509-1992 test standards

OUTLINE DRAWING

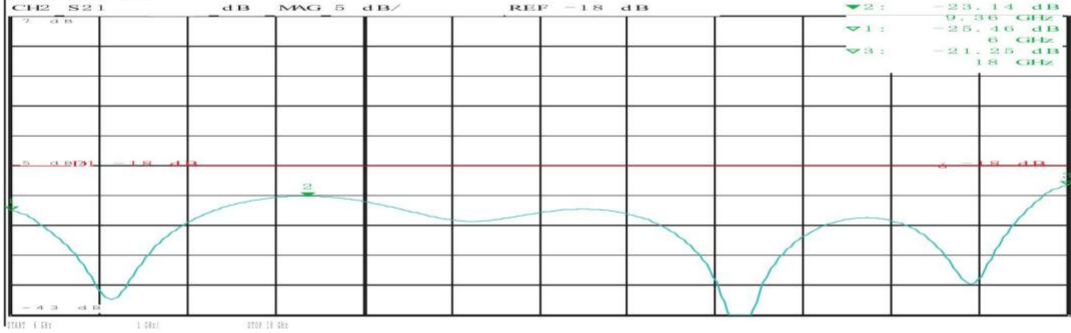


TYPICAL PERFORMANCE CURVES

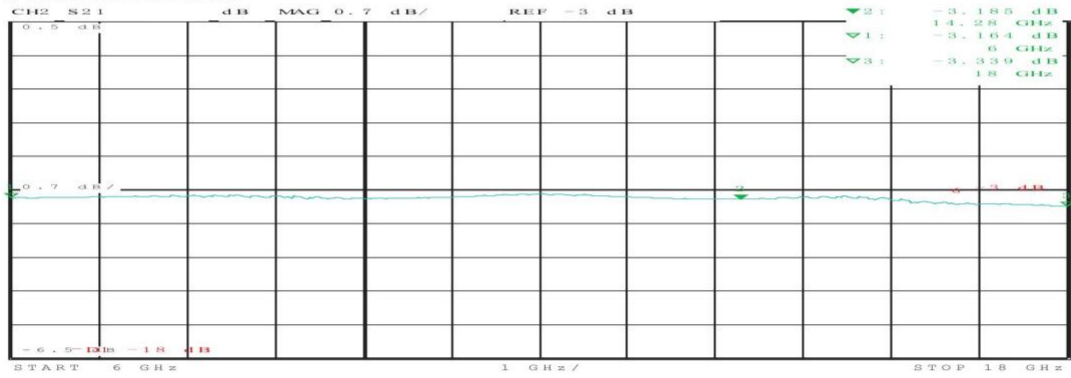
Insertion loss



Isolation



Phase Balance



VSWR

