

OPD-A0431



FEATURES

- SMA connector 0-degree power divider
- Covers 0.5-18GHz series (Model specific: 1-2GHz)
- Small size
- Low insertion loss
- Low VSWR
- High isolation
- Batch production control ensures high consistency
- Applications: Electronic warfare, radar, navigation, test and measurement, communication systems

DESCRIPTION

The OPD-A series power dividers are SMA connector 0° power dividers, covering the full 0.5-18GHz range. They feature small size, low loss, low VSWR, and high isolation. This series utilizes batch production control methods to ensure high product quality consistency and meet large-scale supply requirements. The OPD-A0431 is primarily used for signal distribution and combination in systems such as electronic warfare, radar, navigation, testing, and communications. This series is a standard product, customizable based on user needs.

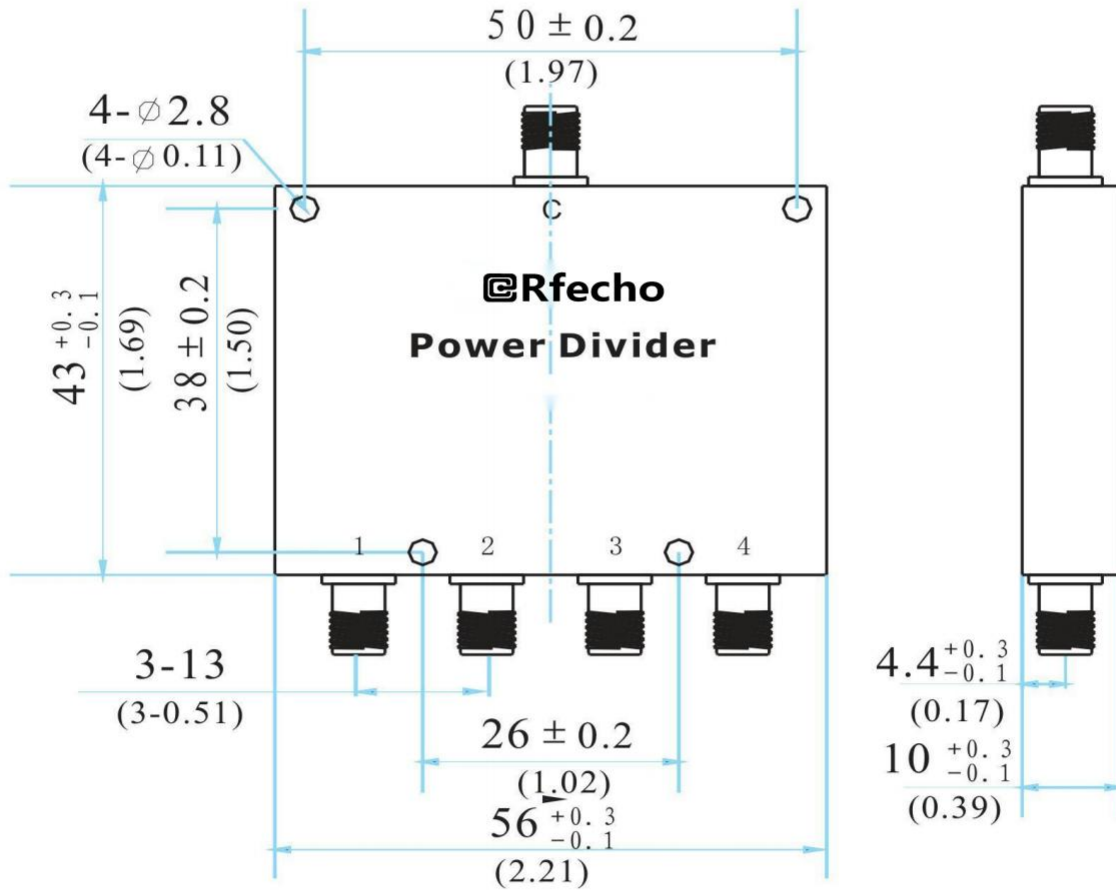
TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
1-2GHz	0.60dB	20dB	1.3	1.20	±0.30dB	±3°	SMA-F	30W

ENVIRONMENTAL SPECIFICATIONS

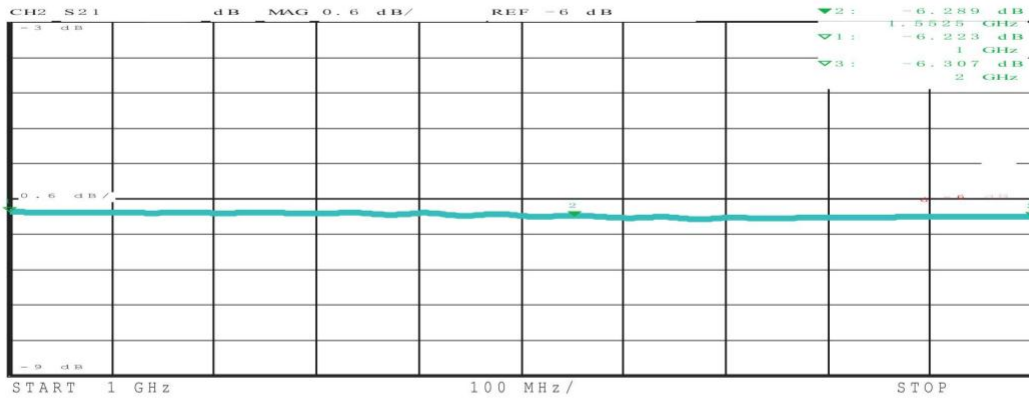
- Operating Temperature: -55~+85°C
- Storage Temperature: -55~+100°C
- Meets 'GJB-1509-1992' test requirements

OUTLINE DRAWING

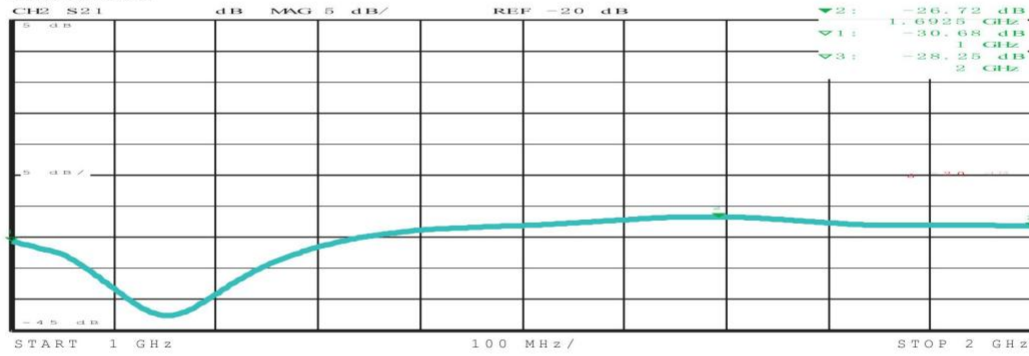


TYPICAL CURVES

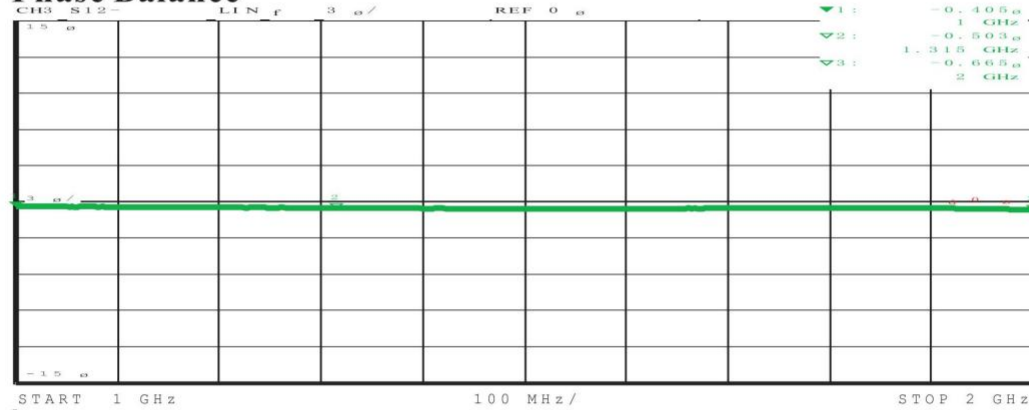
Insertion loss



Isolation



Phase Balance



VSWR

