

# OPD-A0423



## FEATURES

- Frequency Range: 2-8GHz
- 4-Way SMA Power Divider
- Insertion Loss: 1.20dB
- Isolation: 17dB
- Input VSWR: 1.40, Output VSWR: 1.35
- Small size, low loss, high consistency batch production
- Applications: Communication, EW, Radar, Navigation, Test Systems

## DESCRIPTION

The OPD-A series power dividers are SMA connector 0-degree power dividers covering the full 0.5-18GHz range. This series features small size, low loss, low VSWR, and high isolation. Utilizing mass production control methods, the product ensures high consistency to meet large-volume supply requirements. The OPD-A0423 is primarily designed for the distribution and synthesis of 4-way microwave signals in communication, electronic warfare, radar, navigation, and test and measurement systems.

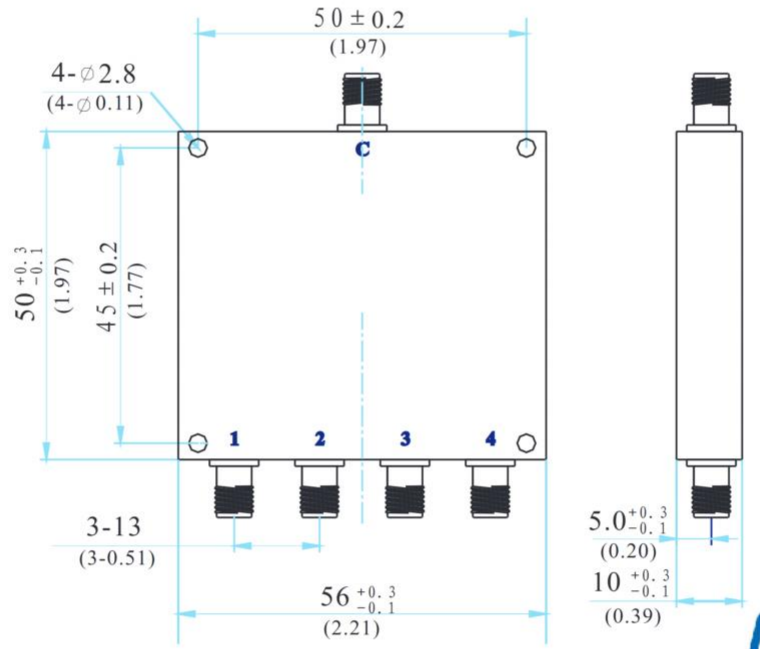
## TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
2-8GHz	1.20dB	17dB	1.40	1.35	±0.40dB	±5°	SMA-F	30W

## ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -55~+85°C
- Storage Temperature: -55~+100°C
- Compliant with GJB-1426-92 test requirements

## OUTLINE DRAWING



## TYPICAL CURVES

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