

# OPD-A0223



## FEATURES

- OPD-A series power dividers are SMA connector 0° power dividers
- Full series coverage: 0.5-18GHz
- Small size, low loss, low VSWR, high isolation
- High consistency with batch production control
- Suitable for large volume delivery
- Applications: Communications, electronic countermeasures, radar, navigation, testing and measurement systems
- Used for 2-way microwave signal distribution and combination
- Standardized product with customization available

## DESCRIPTION

The OPD-A series power dividers are SMA connector 0° power dividers covering the 0.5-18GHz range. This specific model, OPD-A0223, operates in the 2-8GHz band. The series features small size, low insertion loss, low VSWR, and high isolation. Manufactured using batch production control methods, these dividers offer high product consistency and meet large volume delivery requirements. They are widely used in communications, radar, navigation, and test systems for signal distribution and combination.

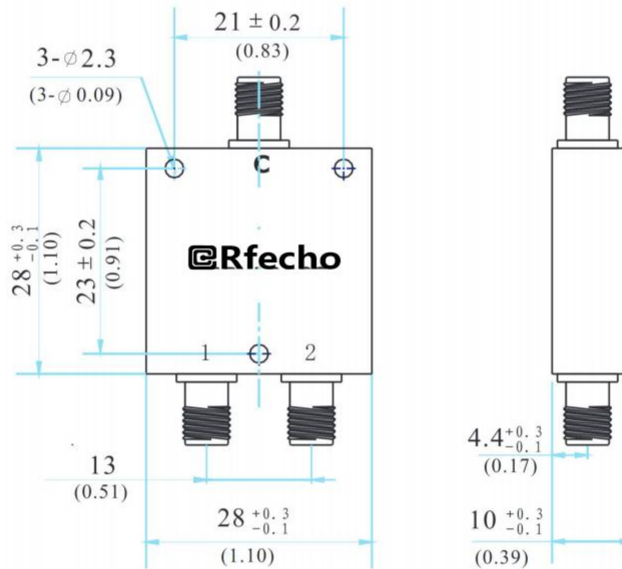
## TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
2-8GHz	0.60dB	20dB	1.30	1.20	±0.30dB	±4°	SMA-F	30W

## ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -55~+85°C
- Storage Temperature: -55~+100°C
- Meets 'GJB-1426-92' test items and requirements

## OUTLINE DRAWING



**TYPICAL CURVES**

