

# OPD-A0831



## FEATURES

- Frequency Range: 1-2GHz
- 8-Way Power Divider
- SMA Connectors
- Low Insertion Loss: 1.00dB
- High Isolation: 20dB
- Low VSWR: Input 1.30 / Output 1.20
- Excellent Phase and Amplitude Balance
- Applications: Electronic warfare, radar, navigation, communication systems

## DESCRIPTION

The OPD-A0831 is a high-performance 8-way power divider operating in the 1-2GHz frequency range. Part of the OPD-A series, this device features SMA-Female connectors and offers compact size with superior electrical performance, including low insertion loss and high isolation. It is designed for reliability in demanding applications such as radar signal distribution, electronic warfare, and test measurement systems.

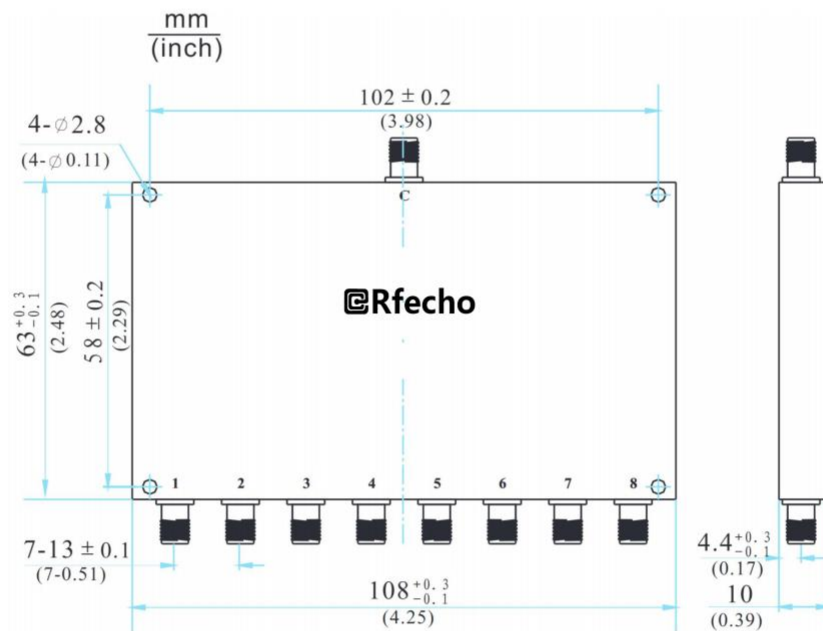
## TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
1-2GHz	1.00dB	20dB	1.30	1.20	±0.40dB	±5°	SMA-F	30W

## ENVIRONMENTAL SPECIFICATIONS

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

## OUTLINE DRAWING



**TYPICAL CURVES**

