

# OPD-A0834



## FEATURES

- SMA connector 0-degree power divider
- Full series coverage 0.5-18GHz
- Small size, low loss, low VSWR, high isolation
- Batch production control ensuring high consistency
- Designed for 8-way microwave signal distribution and combination

## DESCRIPTION

The OPD-A series power dividers are SMA connector 0-degree power dividers, with the full series covering 0.5-18GHz. Features include small size, low loss, low VSWR, and high isolation. The series employs batch production control methods, ensuring high product quality consistency to meet large-volume delivery requirements. The OPD-A0834 is mainly used in electronic warfare, radar, test and measurement, and satellite communication systems for the distribution and combination of 8-way microwave signals. This is a standard Tiger product, with custom designs available based on user needs.

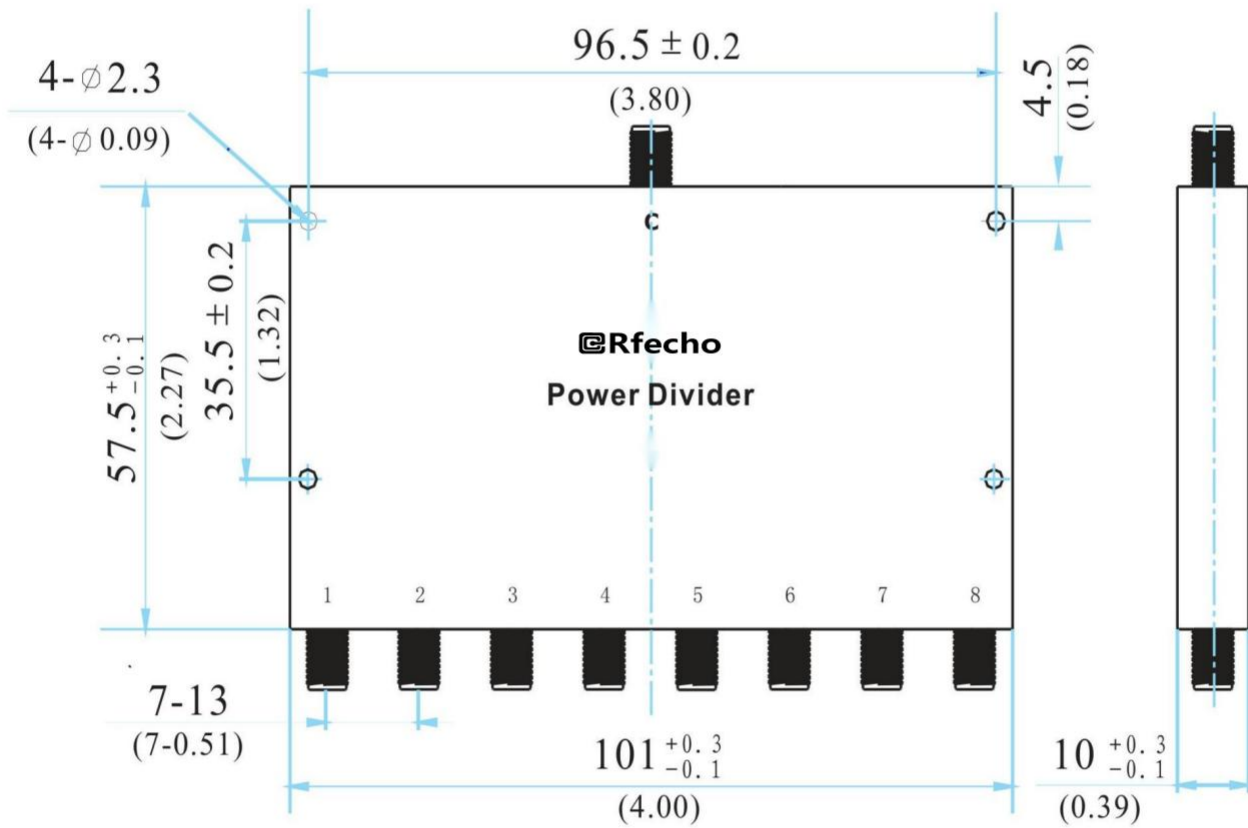
### TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
6-18GHz	2.10dB	17dB	1.80	1.50	±0.80dB	±10°	SMA-F	30W

### ENVIRONMENTAL SPECIFICATIONS

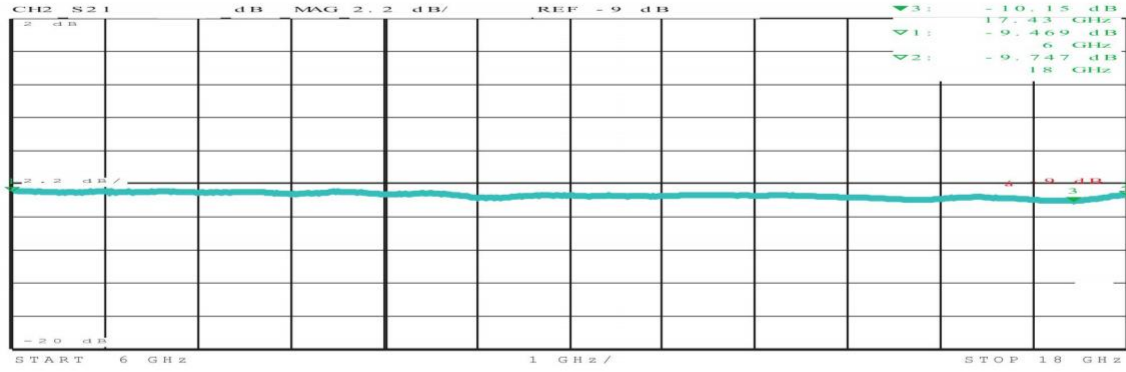
- Operating Temperature: -55~+85°C
- Storage Temperature: -55~+100°C
- Meets GJB-1509-1992 test requirements

### OUTLINE DRAWING

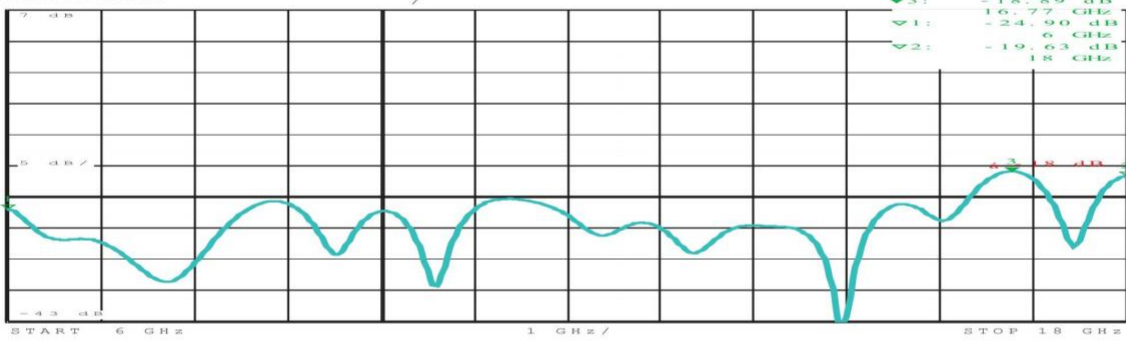


**TYPICAL CURVES**

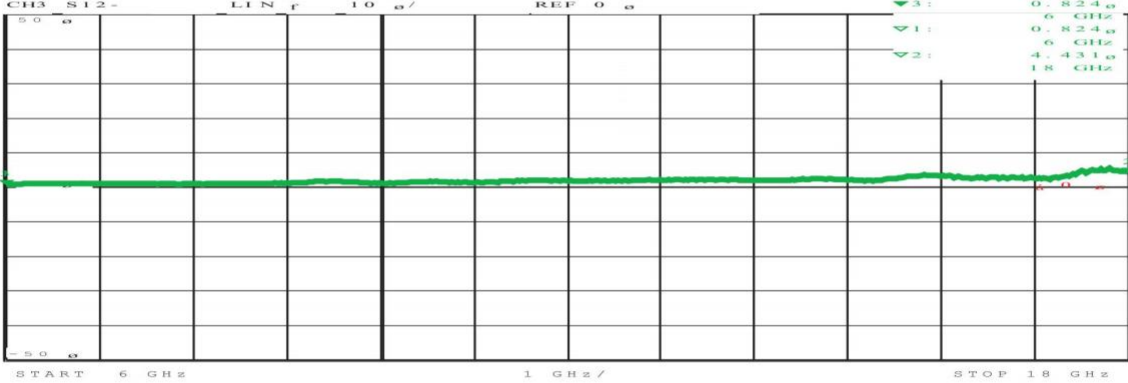
**Insertion loss**



**Isolation**



**Phase Balance**



**VSWR**

