

# OPD-A0820



## FEATURES

- Frequency Range: 0.5-2GHz
- 8-Way Power Division
- Insertion Loss:  $\leq 1.50$ dB
- Isolation:  $\geq 20$ dB
- VSWR (Input/Output): 1.40 / 1.30
- Amplitude Balance:  $\pm 0.40$ dB
- Phase Balance:  $\pm 4^\circ$
- Small size, low loss, high consistency
- SMA-Female Connectors
- Meets GJB-1426-92 standard

## DESCRIPTION

The OPD-A0820 is a specialized 8-way  $0^\circ$  power divider from the A-series, designed for the 0.5-2GHz frequency band. It is widely used in electronic warfare, radar, navigation, test and measurement, and communication systems for microwave signal distribution and combination. The device features compact dimensions, low insertion loss, low VSWR, and high isolation. Utilizing batch production control, it offers high product consistency suitable for large-volume requirements. Custom designs are available upon request.

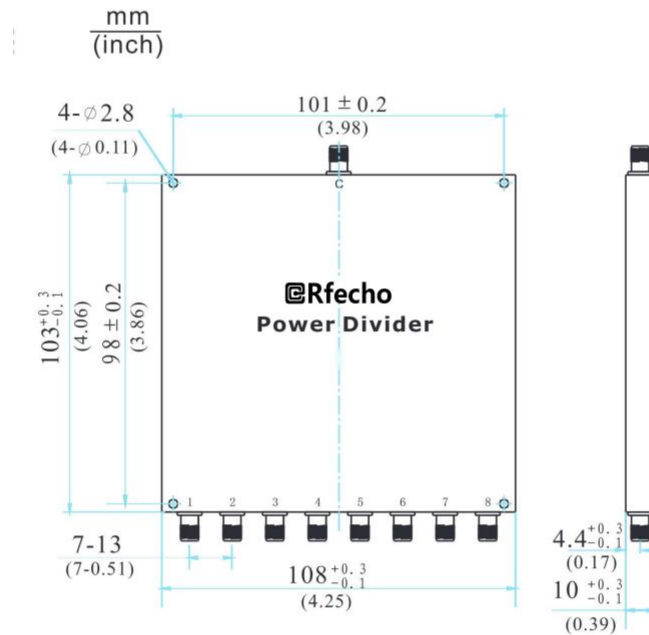
## TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
0.5-2GHz	1.50dB	20dB	1.40	1.30	±0.40dB	±4°	SMA-F	30W

## ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -55 ~ +85°C
- Storage Temperature: -55 ~ +100°C
- Test Standard: GJB-1426-92

## OUTLINE DRAWING



**TYPICAL PERFORMANCE CURVES**

