

# OPD-A0420



## FEATURES

- SMA Connectors
- 0° Power Divider
- 0.5-2GHz Frequency Coverage
- Small Size
- Low Loss
- Low VSWR
- High Isolation
- High Consistency
- Suitable for Batch Production

## DESCRIPTION

The A-series power dividers are 0° power dividers with SMA connectors. This specific model, OPD-A0420, covers the frequency range of 0.5-2GHz. Key features include compact size, low loss, low VSWR, and high isolation. The series utilizes batch production control methods to ensure high product consistency, meeting large-volume supply requirements. OPD-A0420 is primarily used in electronic warfare, radar, navigation, test and measurement, and communication systems for the distribution and synthesis of 4-way microwave signals. Customized designs, spectrum products, and standard-compliant versions are available upon request.

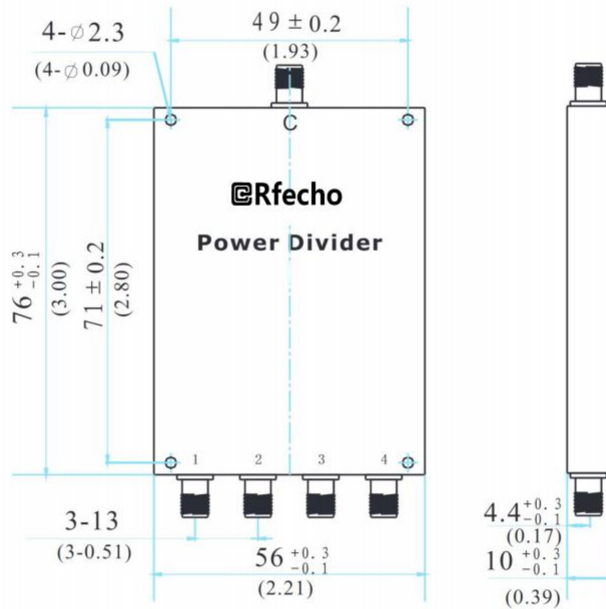
## TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
0.5-2GHz	1.00dB	20dB	1.30	1.20	±0.3dB	±3°	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: INSERTION LOSS, ISOLATION, PHASE BALANCE, VSWR**

