

OPD-A0421



FEATURES

- SMA Connectors, 0° Power Divider
- Frequency Coverage: 0.8-2.5GHz
- Small size, low loss, low VSWR, high isolation
- High mass production consistency
- Standardized product with customization available

DESCRIPTION

The A-series power dividers are SMA connector 0° power dividers covering the 0.5-18GHz range. They feature small size, low loss, low VSWR, and high isolation. Utilizing mass production control methods, the series offers high quality consistency suitable for large-volume supply. The OPD-A0421 is primarily used in communications, electronic warfare, radar, navigation, and test and measurement systems for the distribution and synthesis of 4-way microwave signals. This is a standard Tiger Microwave product; custom designs and other catalog options are available.

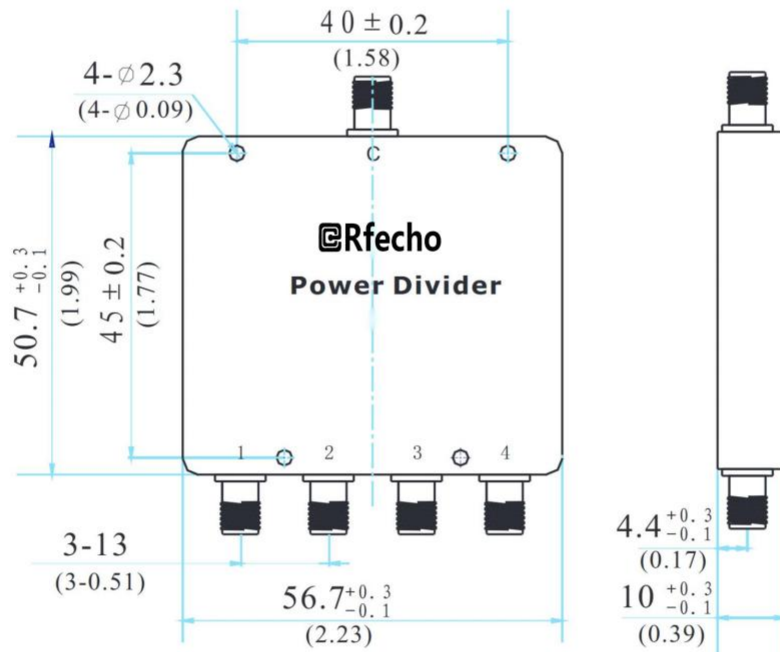
TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
0.8-2.5GHz	0.7dB	20dB	1.30	1.20	±0.30dB	±6°	SMA-F	30W

ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -55~+85
- Storage Temperature: -55~+100
- Compliant with GJB-1426-92 test requirements

OUTLINE DRAWING



TYPICAL PERFORMANCE CURVES

