

# OPD-A0414



## FEATURES

- A-series power dividers are 0° power dividers with SMA connectors, covering the 0.5-18GHz range.
- Features include small size, low loss, low VSWR, and high isolation.
- Manufactured using batch production control for consistent quality and high-volume supply capability.
- Primarily used in electronic warfare, test and measurement applications for 4-way microwave signal distribution and combination.
- Standardized product with customization available; other spectrum and military standard products are also available.

## DESCRIPTION

The OPD-A0414 is a broadband 4-way power divider operating from 0.5 to 6 GHz. Part of the OPD-A series, it features a compact design with SMA-Female connectors. Ideally suited for electronic warfare and precision measurement systems, this divider offers excellent performance stability with low insertion loss (1.80dB) and high isolation (16dB).

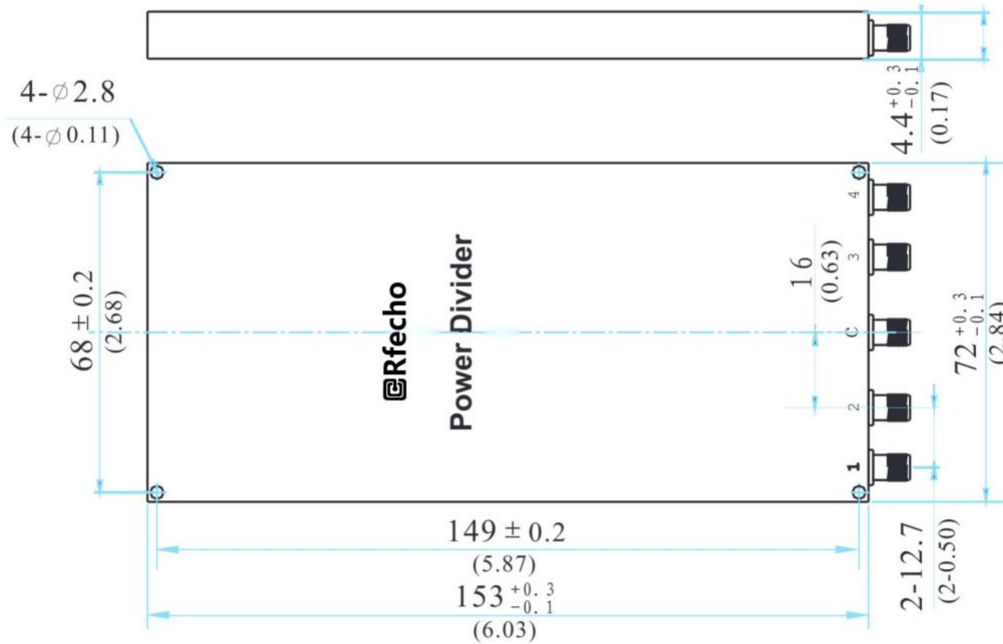
### TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
0.5-6GHz	1.80dB	16dB	1.60	1.50	±0.30dB	±4°	SMA-F	30W

### ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -55~+85°C
- Storage Temperature: -55~+100°C
- Meets 'GJB-1426-92' test requirements

### OUTLINE DRAWING



## TYPICAL CURVES: INSERTION LOSS, ISOLATION, PHASE BALANCE, VSWR

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