

OPD-A1234



FEATURES

- SMA connector 0° power divider
- Frequency coverage: 0.5-18GHz (Full Series), this model 8-18GHz
- Small size, low loss, low VSWR, high isolation
- Mass production control consistent quality
- Applications: Electronic warfare, radar, test and measurement, satellite communications
- Used for distribution and synthesis of 12-way microwave signals
- Standardized product, customizable options available

DESCRIPTION

The OPD-A series power dividers are SMA connector 0° power dividers covering 0.5-18GHz. They feature small size, low loss, low VSWR, and high isolation. This series uses mass production control methods ensuring consistent product quality capable of meeting large volume supply requirements. The OPD-A1234 is primarily used in electronic warfare, radar, test and measurement, and satellite communication systems for the distribution and combination of 12-way microwave signals. This is a Tiger standardized product; custom designs and commercial grade products are also available upon user request.

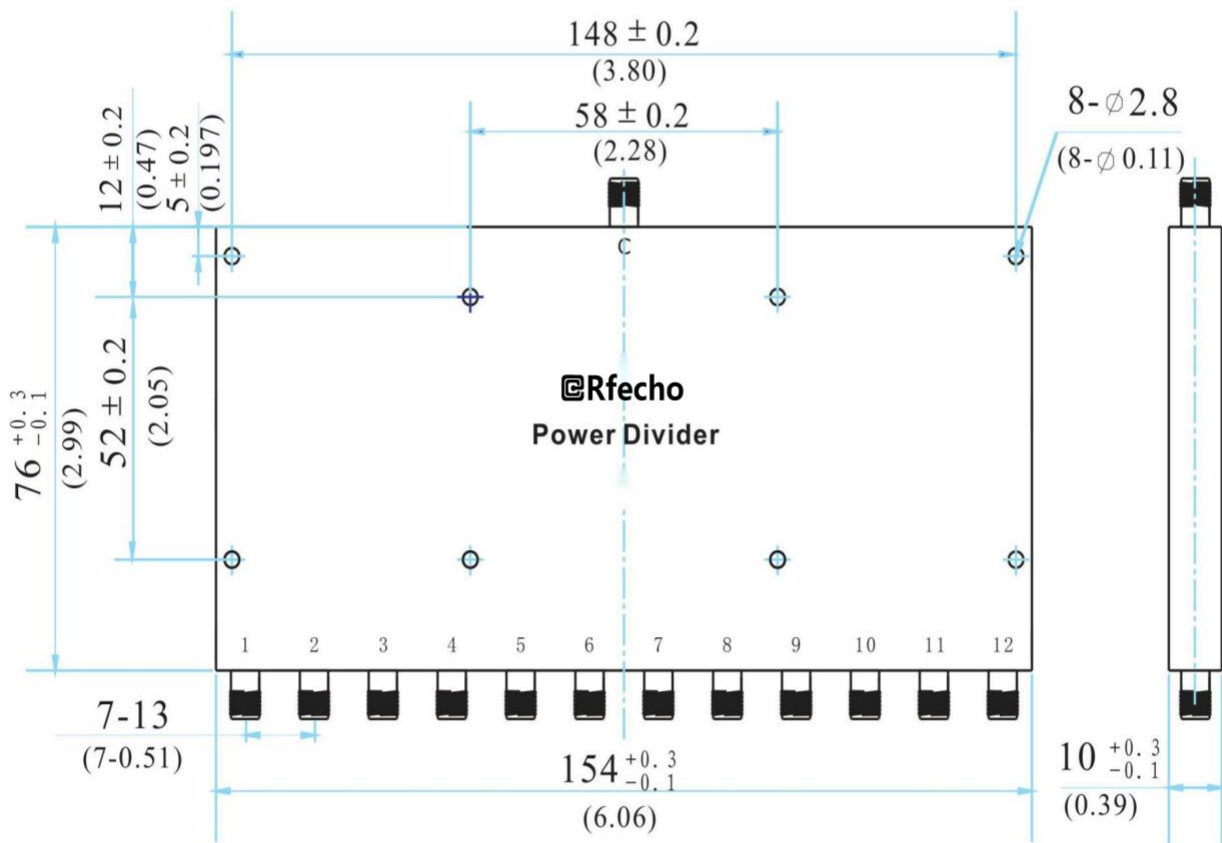
TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
8-18GHz	2.50dB	14dB	1.80	1.50	±1.00dB	±10°	SMA-F	30W

ENVIRONMENTAL SPECIFICATIONS

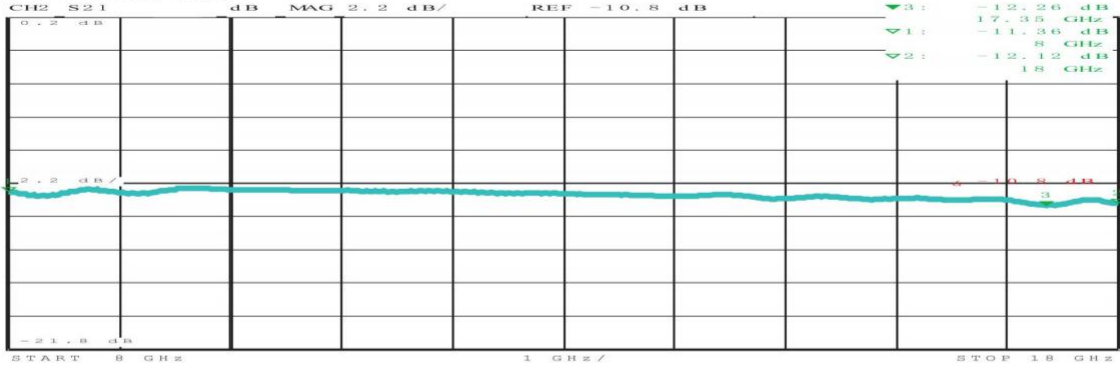
- Operating Temperature: -55~+85°C
- Storage Temperature: -55~+100°C
- Compliant with 'GJB-1509-1992' test items and requirements

OUTLINE DRAWING

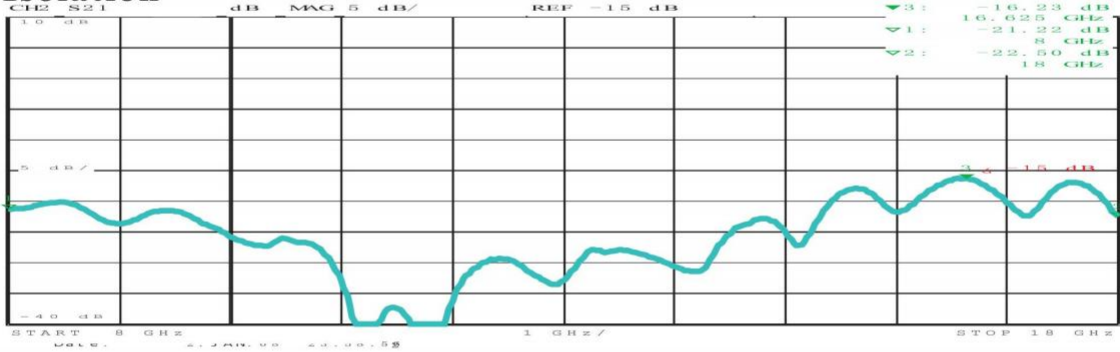


TYPICAL CURVES: INSERTION LOSS, ISOLATION, PHASE BALANCE, VSWR

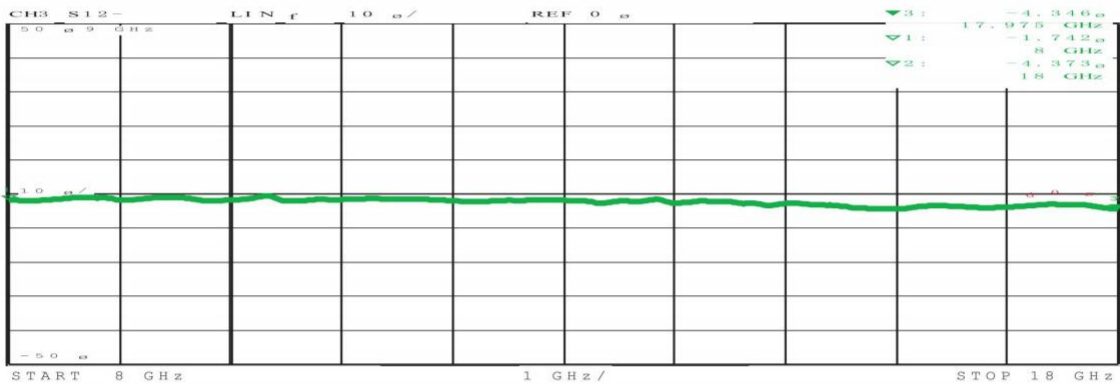
Insertion loss



Isolation



Phase Balance



VSWR

