

OPD-A1621



FEATURES

- Frequency Range: 0.8-2.5GHz
- 16-Way 0° Power Divider
- SMA-Female Connectors
- Low Insertion Loss (1.70dB)
- High Isolation (18dB)
- Low VSWR (Input 1.50 / Output 1.30)
- Excellent Amplitude & Phase Balance
- High consistency for mass production
- Custom designs available

DESCRIPTION

The A-series power dividers are SMA connector 0° power dividers, with the OPD-A1621 specifically covering the 0.8-2.5GHz range. Key advantages include small size, low loss, low VSWR, and high isolation. This series utilizes mass production control methods to ensure high product consistency, meeting large-volume supply requirements. The OPD-A1621 is primarily used in communication, electronic warfare, radar, navigation, and test & measurement systems for the distribution and combination of 16-way microwave signals.

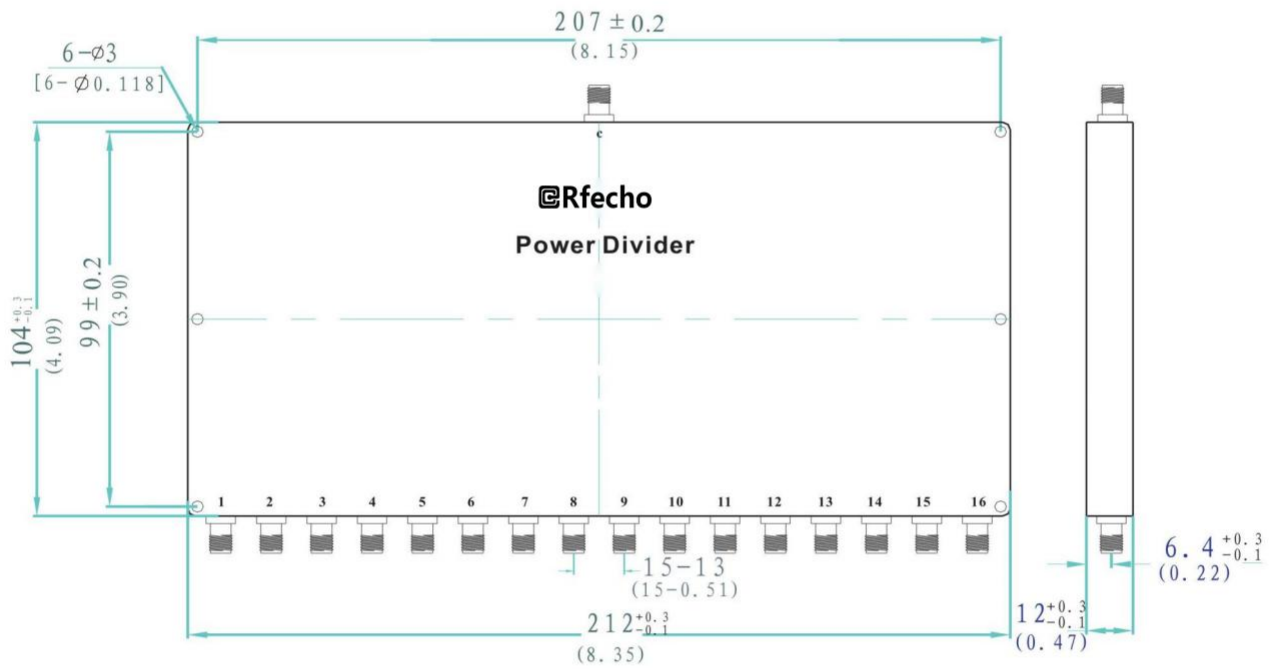
TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
0.8-2.5GHz	1.70dB	18dB	1.50	1.30	±0.40dB	±8°	SMA-F	30W

ENVIRONMENTAL SPECIFICATIONS

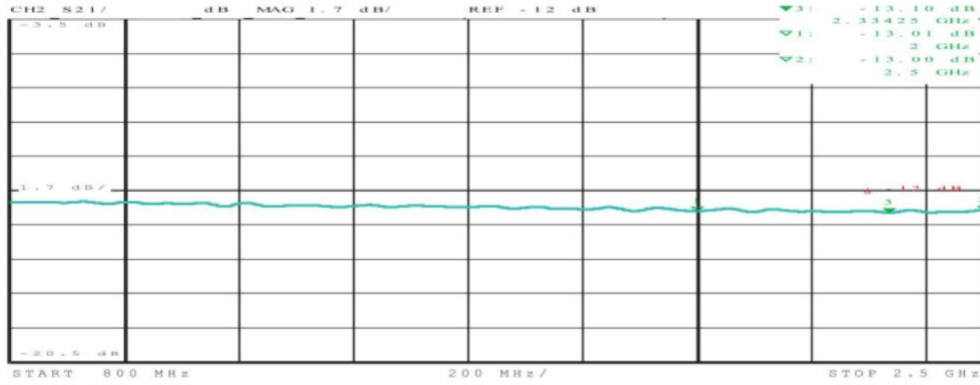
- Operating Temperature: -55~+85°C
- Storage Temperature: -55~+100°C
- Compliant with GJB-1426-92 test requirements

OUTLINE DRAWING

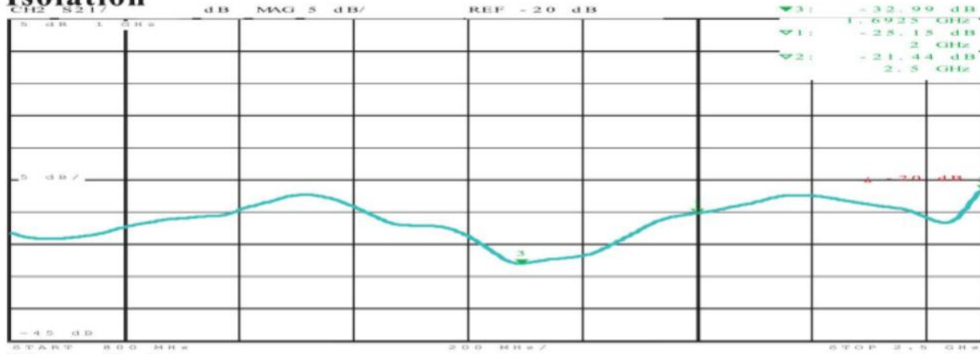


TYPICAL PERFORMANCE CURVES

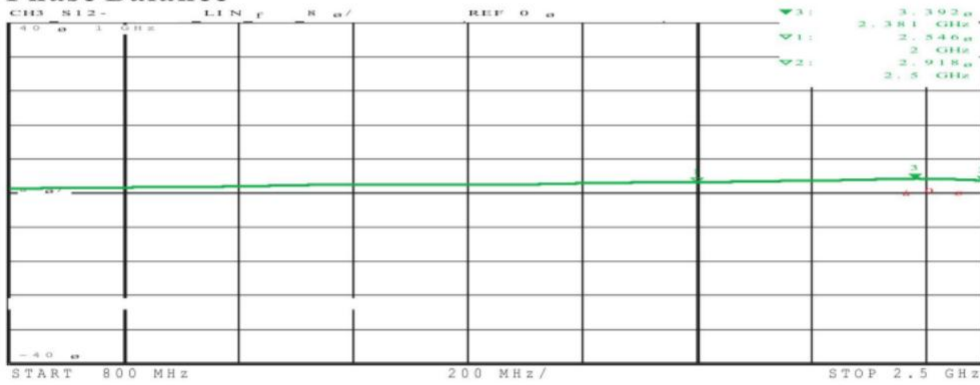
Insertion loss



Isolation



Phase Balance



VSWR

