

OPD-A0821



FEATURES

- SMA connector 0 degree power divider
- Full series covers 0.5-18GHz
- Small size, low loss, low VSWR, high isolation
- Batch production control ensures high consistency
- Capable of meeting large-scale delivery requirements
- Used for 8-way microwave signal distribution and synthesis
- Standardized product, customizable based on user needs

DESCRIPTION

The A-series power divider is an SMA connector 0-degree power divider, with the full series covering 0.5-18GHz. It features small size, low insertion loss, low standing wave ratio (VSWR), and high isolation. This series employs batch production control methods, resulting in high product consistency and the ability to meet large-volume delivery demands. The OPD-A0821 is primarily used in communication, electronic warfare, radar, navigation, testing, and measurement systems for the distribution and combination of 8-way microwave signals. This series consists of standardized Tiger Microwave products, but customized designs can be carried out according to user needs, and spectral and quality-grade products are also available for selection.

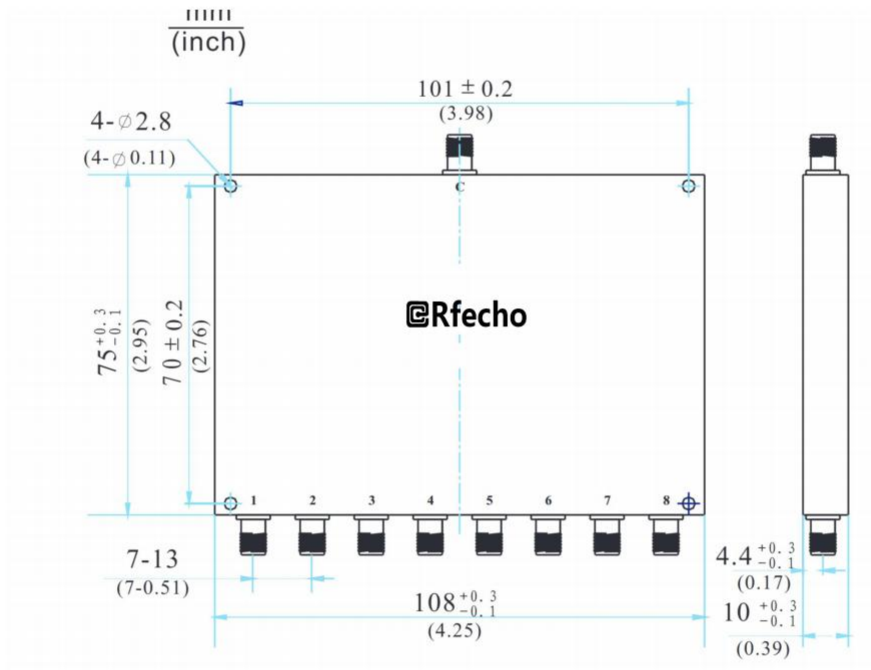
TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
0.8-2.5GHz	1.20dB	20dB	1.40	1.25	±0.50dB	±8°	SMA-F	30W

ENVIRONMENTAL SPECIFICATIONS

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

OUTLINE DRAWING



TYPICAL CURVES

