

OPD-A0422



FEATURES

- Frequency Range: 1-4GHz
- 0 degree power divider
- SMA Connectors
- Small size
- Low insertion loss
- Low VSWR
- High isolation
- High consistency for mass production

DESCRIPTION

The OPD-A0422 is an A-series universal power divider featuring SMA connectors and 0-degree splitting. It covers the 1-4GHz frequency band and is designed for applications in communication, electronic warfare, radar, navigation, and test measurement systems. The device offers excellent performance characteristics including small form factor, low loss, and high isolation, making it suitable for standardized mass production and large-volume delivery.

TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
1-4GHz	0.80dB	20dB	1.30	1.20	±0.30dB	±4°	SMA-F	30W

ENVIRONMENTAL SPECIFICATIONS

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

OUTLINE DRAWING



