

OPD-A0424



FEATURES

- Frequency Range: 4-18GHz
- 4-Way Power Divider
- 0° Phase Relationship
- SMA-Female Connectors
- Low Insertion Loss (1.60dB)
- High Isolation (17dB)
- Small Size & Low VSWR
- High Consistency for Mass Production

DESCRIPTION

The OPD-A series power dividers are 0° power dividers with SMA connectors, covering the full 0.5-18GHz range (4-18GHz for this model). They feature small size, low loss, low VSWR, and high isolation. The series utilizes mass production control methods to ensure high quality consistency, meeting large-volume delivery requirements. The OPD-A0424 is primarily used in communication, electronic warfare, radar, navigation, and test & measurement systems for the distribution and synthesis of 4-way microwave signals. This is a standardized product, with custom designs and other catalog options available.

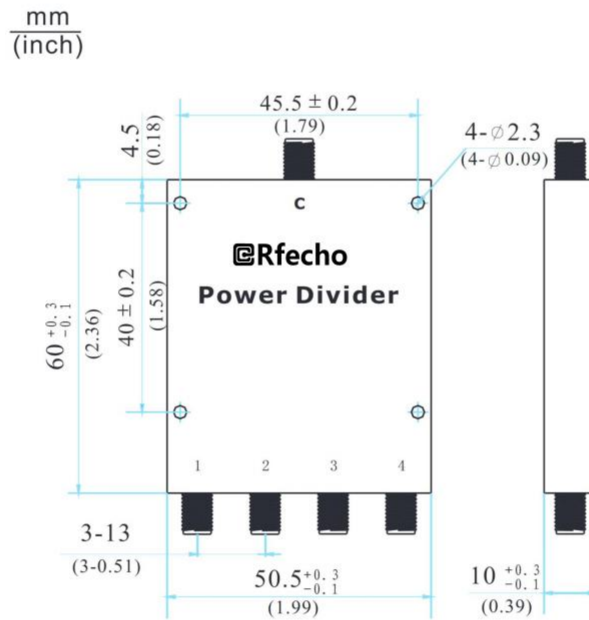
TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
4-18GHz	1.60dB	17dB	1.60	1.50	±0.50dB	±8°	SMA-F	30W

ENVIRONMENTAL SPECIFICATIONS

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

OUTLINE DRAWING



TYPICAL PERFORMANCE CURVES

