

OPD-A0430



FEATURES

- Frequency Range: 0.5-1GHz
- 4-Way SMA 0° Power Divider
- Low Insertion Loss (0.60dB)
- High Isolation (20dB)
- Low VSWR (Input 1.25 / Output 1.20)
- Excellent Phase and Amplitude Balance
- Compact Size
- Mass production consistency

DESCRIPTION

The OPD-A series power dividers are SMA connector 0° power dividers. This specific model, OPD-A0430, covers the frequency range of 0.5-1GHz. The series features small size, low loss, low VSWR, and high isolation. Utilizing mass production control methods, the series ensures high product consistency and meets large-volume supply requirements. The OPD-A0430 is primarily used in electronic warfare, navigation, test and measurement, and communication systems for the distribution and combination of 4-way microwave signals.

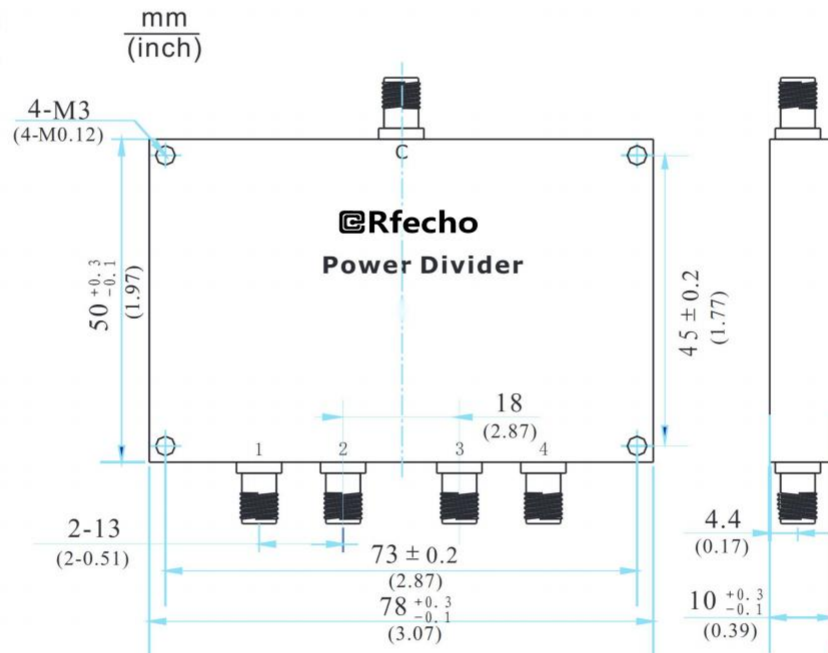
TECHNICAL SPECIFICATIONS

Frequency Range	Insertion Loss	Isolation	Input VSWR	Output VSWR	Amplitude Balance	Phase Balance	Connector	Power Handling
0.5-1GHz	0.60dB	20dB	1.25	1.20	±0.30dB	±3°	SMA-F	30W

ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -55~+85°C
- Storage Temperature: -55~+100°C
- Compliance: GJB-1509-1992

OUTLINE DRAWING



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

