

FEATURES:

- LOW INSERTION LOSS
- HIGH Tx to Rx REJECTION
- LIGHT WEIGHT
- RUGGED CONSTRUCTION

ELECTRICAL CHARACTERISTICS:

Operating Frequency Range : 17.880 to 19.520 GHz

Operating Temperature Range : -30°C to +70°C

Part Number	Tx F0	Rx F0	Tx / Rx B.W.	R.L. All Ports	I.L. @ Fo	Rejection Frequency	Tx to Rx Rejection
AD42-0046-0001	17.880 GHz	18.890 GHz	360 MHz	18 dB min.	0.8 dB max.	Fo ± 830 MHz	70 dB min.
AD42-0046-0002	18.090 GHz	19.100 GHz	360 MHz	18 dB min.	0.8 dB max.	Fo ± 830 MHz	70 dB min.
AD42-0046-0003	18.300 GHz	19.310 GHz	360 MHz	18 dB min.	0.8 dB max.	Fo ± 830 MHz	70 dB min.
AD42-0046-0004	18.510 GHz	19.520 GHz	360 MHz	18 dB min.	0.8 dB max.	Fo ± 830 MHz	70 dB min.

Specifications are subject to change for continuous improvement.

MECHANICAL CHARACTERISTICS:

- Dimensions are in inches (millimeters)
- Interface: WR42 Flange
- Finish: Silver Plate per QQ-S-365 Type II, Grade A
- Material: Alum. 6061T6

