

FEATURES:

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

ELECTRICAL CHARACTERISTICS:

Operating Frequency Range : 24.250 to 26.425 GHz

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

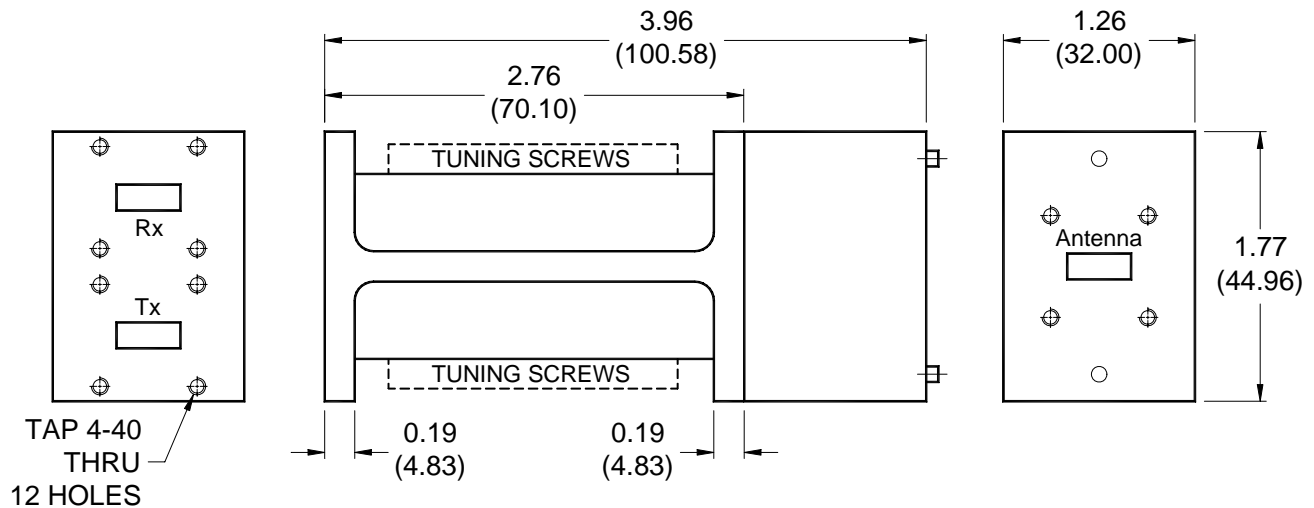
Part Number	T/R Spacing	Rx Filt. B.W.	Tx Filt. B.W.	R.L. All Ports	I.L. @ Fo	Rejection Frequency	Tx to Rx Rejection
AD42-0006	1008 MHz	524 MHz	524 MHz	15 dB min.	1.2 dB max.	Fo ± 746 MHz	50 dB Min.

Specifications are subject to change for continuous improvement.

Note: Rejection 30 dB min. from 29.500 to 50.000 GHz

MECHANICAL CHARACTERISTICS:

- Dimensions are in inches (millimeters)
- Interface: WR42/UG-597/U Flange
- Finish: Silver Plate QQ-S-365 Type II, Grade A
- Material: Invar 36% Ni, 64% Fe, Alum. 6061T6



Note: Other Diplexer configurations are available