

FEATURES:

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

ELECTRICAL CHARACTERISTICS:

Operating Frequency Range : 17.970 to 19.430 GHz

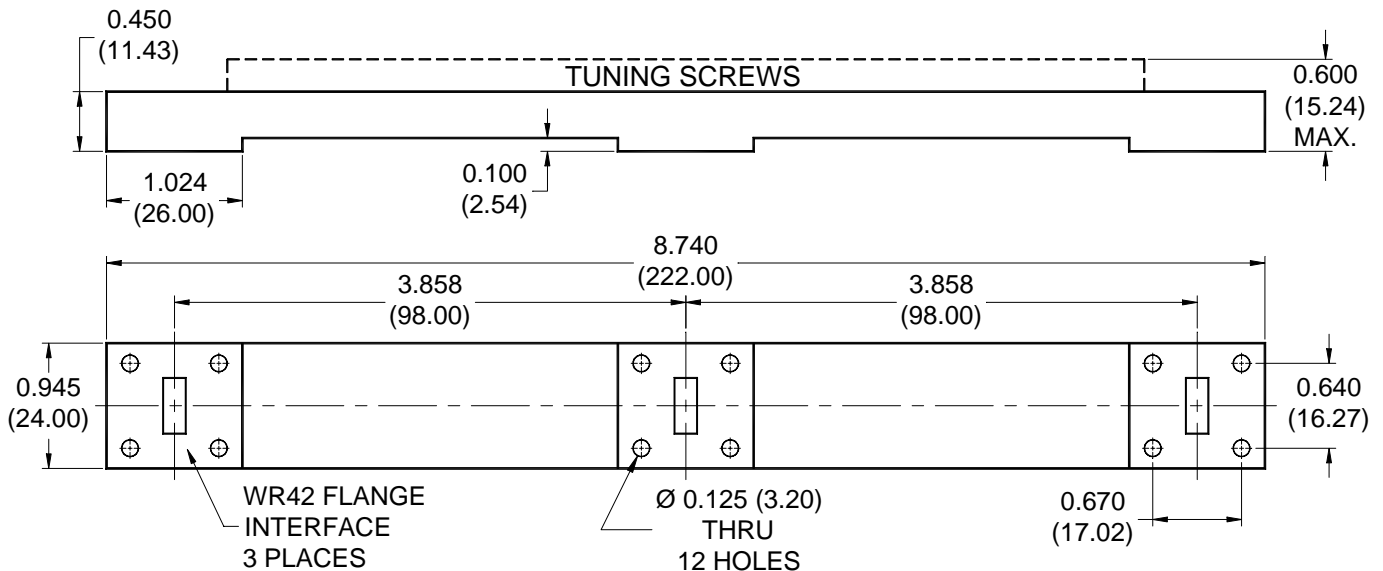
Operating Temperature Range : -35°C to +75°C

Part Number	T/R Spacing	Rx Filt. B.W.	Tx Filt. B.W.	R.L. All Ports	I.L. @ Fo	Tx to Rx Rejection
AD42-0048-0001	1000 MHz	550 MHz	550 MHz	17 dB min.	0.80 dB max.	60 dB min.
AD42-0048-0002	1000 MHz	550 MHz	550 MHz	17 dB min.	0.80 dB max.	60 dB min.

Specifications are subject to change for continuous improvement.

MECHANICAL CHARACTERISTICS:

- a) Dimensions are in inches (millimeters)
- b) Interface: WR42 Flange Interface
- c) Finish: Silver Plate QQ-S-365 Type II, Grade A
- d) Material: Brass



Note: Other Diplexer configurations are available.