

## FEATURES:

- LOW INSERTION LOSS
- HIGH REJECTION
- LIGHT WEIGHT

## ELECTRICAL CHARACTERISTICS:

Part Number	AF42-0004	AF42-0005
Operating Frequency Range	21.000 to 24.000 GHz	21.200 to 23.600 GHz
VSWR	1.50:1 max.	1.15:1 max.
Insertion Loss	0.30 dB max.	0.50 dB max.
Rejection Frequency Range	42.000 to 48.000 GHz	42.400 to 47.200 GHz
Rejection	25 dB min.	40 dB min.
Operating Temperature Range	-45°C to +70°C	

Specifications are subject to change for continuous improvement.

## MECHANICAL CHARACTERISTICS:

- Dimensions are in inches (millimeters)
- Interface: WR42/UG-597/U Flange
- Finish: Chemical Conversion  
Coating per MIL-C-5541 Class 1A
- Approx. weight: 30 grams
- Material: Alum. 6061T6

Part No.	Dimension "L"
AF42-0004	1.30 (33.02)
AF42-0005	2.00 (50.80)

