

## FEATURES:

- LOW INSERTION LOSS
- HIGH REJECTION
- LIGHT WEIGHT

## ELECTRICAL CHARACTERISTICS:

Part Number	AF42-0002	AF42-0003
Operating Frequency Range	17.630 to 19.700 GHz	
VSWR	1.15:1 max.	
Insertion Loss	0.30 dB max.	
Rejection Frequency Range	35.400 to 39.400 GHz	
Rejection	30 dB min.	55 dB min.
Operating Temperature Range	-45°C to +70°C	

Specifications are subject to change for continuous improvement.

## MECHANICAL CHARACTERISTICS:

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

Part No.	Dimension "L"
AF42-0002	1.30 (33.02)
AF42-0003	2.00 (50.80)

