

FEATURES:

- MINIATURE SIZE
- LOW VSWR
- HIGH DIRECTIVITY

ELECTRICAL CHARACTERISTICS:

Part Number	AP42-0001	AP42-0002	AP42-0003
Operating Frequency Range	17.70 to 19.70 GHz	21.20 to 23.60 GHz	24.25 to 26.25 GHz
Coupling	6 ± 0.5 dB		
True Insertion Loss	1.60 dB max.		
VSWR-Primary Line	1.10:1 max.		
VSWR-Secondary Line	1.22:1 max.		
Directivity	24 dB min.		
Operating Temperature Range	-40°C to +70°C		

Specifications are subject to change for continuous improvement.

MECHANICAL CHARACTERISTICS:

- a) Dimensions are in inches (millimeters)
- b) Interface: WR42 Flange Interface
- c) Material: Aluminum 6061T6
- d) Finish: Chemical Conversion Coating per MIL-C-5541 Class 3

