

FEATURES:

- MINIATURE SIZE
- LOW VSWR
- HIGH DIRECTIVITY

ELECTRICAL CHARACTERISTICS:

Part Number	AP42-0103	AP42-0106	AP42-0108	AP42-0110
Operating Frequency Range	17.700 to 19.700 GHz			
Coupling	3 ± 0.5 dB	6 ± 1.0 dB	8 ± 0.5 dB	10 ± 1.0 dB
True Insertion Loss	3.30 dB max.	1.70 dB max.	1.20 dB max.	0.90 dB max.
VSW-Primary Line	1.15:1 max.	1.0:1 max	1.15:1 max.	1.0:1 max.
VSW-Primary Line	1.15:1 max.	1.2:1 max.	1.15:1 max.	1.2:1 max.
Directivity	23 dB min.			
Operating Temperature Range	-40°C to +70°C			

Specifications are subject to change for continuous improvement.

MECHANICAL CHARACTERISTICS:

- Dimensions are in inches (millimeters)
- Interface: WR42/UG-597/U
- Finish: Chemical Conversion
Coating per MIL-C-5541 Class 1A
- Approx. weight: 150 grams
- Material: Alum. 6061T6

Part No.	Dimension "L"	Hole Type
AP42-0103,0108	1.23 (31.24)	M3 × 8.89 DP 12 Holes
AP42-0106,0110	1.26 (32.00)	4-40 × .40 DP 12 Holes

