

## FEATURES:

- LOW INSERTION LOSS
- HIGH ISOLATION
- LIGHT WEIGHT

## ELECTRICAL CHARACTERISTICS:

Operating Frequency Range	18.580 to 19.160 GHz
VSWR	1.25:1 max.
Isolation	19 dB min.
Insertion Loss	0.50 dB max.
Power Rating	5 W C.W. max.
Termination Rating	2 W C.W. max.
Operating Temperature Range	-30°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: 50 grams
- e) Material: Alum. 6061T6

Part Number	Hole Type
AS42-0003-0001	0.12 (3.05) DIA THRU - 4 Holes
AS42-0003-0002	4-40 x 0.25 DP. - 8 Holes
AS42-0003-0003	M4 x 6.35 DP. - 8 Holes

