

### FEATURES:

- MINIATURE SIZE
- LOW VSWR
- HIGH DIRECTIVITY
- R.F. SHIELDED
- QUALIFIED TO MIL-E-5400 AND MIL-STD-2036

### ELECTRICAL CHARACTERISTICS:

Part Number	AX03-0406	AX03-0410	AX03-0420	AX03-0430
Operating Frequency Range	2.600 to 5.200 GHz			
Frequency Sensitivity	$\pm 0.60$ dB	$\pm 0.75$ dB		
Coupling	$6 \pm 1.00$ dB	$10 \pm 1.25$ dB	$20 \pm 1.25$ dB	$30 \pm 1.25$ dB
True Insertion Loss	1.80 dB max.	0.80 dB max.	0.25 dB max.	0.20 dB max.
Insertion Loss Excluding Coupled Power	0.20 dB max.			
VSWR-Primary Line	1.25:1 max.			
VSWR-Secondary Line	1.25:1 max.			
Directivity	20 dB min.			
Average Incident Power	50 W			
Average Reflected Power	2 W	5W	50 W	
Peak Power	3 KW			
Operating Temperature Range	-30°C to 70°C			

Specifications are subject to change for continuous improvement.

### MECHANICAL CHARACTERISTICS:

Material: Housing-Alum. 6061T6

- : Connectors-Passivated Stainless Steel
- : Termination-Passivated Stainless Steel Housing

