

# J4-10002 / 10003 QUADRATURE HYBRIDS

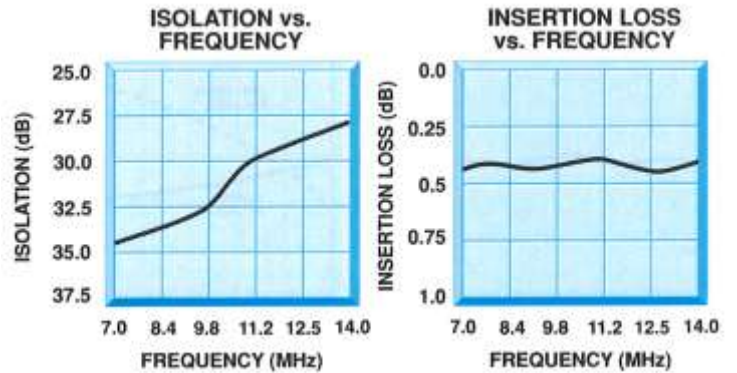
## TECHNICAL FEATURE

### FEATURES

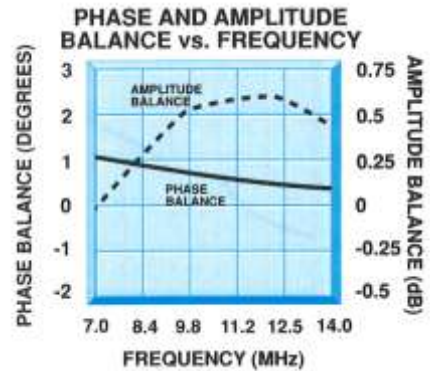
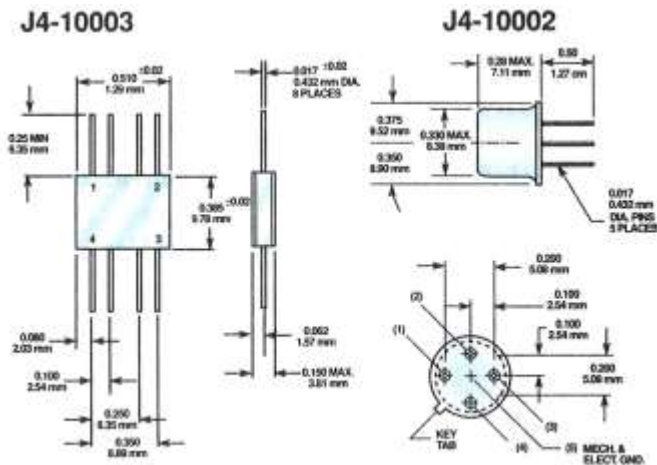
- 7 to 14 MHz

### PERFORMANCE

Frequency Range..... 7 - 14 MHz  
 Isolation..... 25 dB min  
 Insertion Loss ..... 0.5 dB max  
 VSWR..... 1.2:1 max  
 Phase Balance .....  $\pm 3^\circ$  max  
 Amplitude Balance .....  $\pm 0.75$  dB max  
 Impedance..... 50 Ohms  
 Power Handling ..... 3 Watts max  
 Operating Temperature Range..... -54 to +85° C



### MECHANICAL OUTLINE



### TRUTH TABLE

OUT IN	1	2	3	4
1	X	ISOL	0°	-90°
2	ISOL	X	-90°	0°
3	0°	-90°	X	ISOL
4	-90°	0°	ISOL	X