



WATKINS-JOHNSON COMPANY  
3333 HILLVIEW AVENUE  
PALO ALTO, CALIFORNIA


YIG FILTER

Final Data Sheet

W-J 62J-10

Date 18.1.8

SN 1700

By Clyde 

Spec Date 22 April 68

RF Performance

Tuning Current (mA)	Linear Frequency	- 0 °C			+25°C			+70°C		
		Δf	Insertion Loss	Bandwidth (MHz)	Δf	Insertion Loss	Bandwidth (MHz)	Δf	Insertion Loss	Bandwidth (MHz)
100.7	2.00				0	4.0	25			
156.9	3.04				+2		27			
213.0	4.08				+1		27			
269.2	5.12				+4		27			
325.4	6.16				+6		28			
381.6	7.20				+8		28			
437.7	8.24				+5		30			
493.9	9.28				+5		30			
550.1	10.32				+3		31			
606.2	11.36				+2		35			
662.4	12.4				0		36			
Heater 1		— mA			— mA			— mA		

Insertion loss is minimum value within pass band.

Off resonance rejection greater than 45 dB  $F_0 + 320 \pm 15$  MHz 2 Initial 2  
 Isolation between channels greater than — dB —  
 Limiting level greater than +10 dBm 2  
 Hysteresis (if applicable) = 26 MHz 2  
 Pass band ripple ≤ 5 dB max. @ all GHz 2  
 Pass band spurious ≤ 5 dB max @ all GHz 2  
 Sensitivity 18.5 MHz/mA 2