



Performance Specifications

Type:	Resonant Cavity	
Size:	3"	
No. of Cavities per Filter:	3	4
Typical VSWR	at ± 100 kHz:	1.04:1
	at ± 150 kHz:	1.04:1
	at ± 200 kHz:	1.08:1
Typical Insertion Loss:	-1.6 dB	2.3 dB
Typical Frequency Response (deviation from center frequency)	at ± 100 kHz:	-0.01 dB
	at ± 150 kHz:	-0.02 dB
	at ± 200 kHz:	-0.05 dB
Typical Group Delay (deviation from center frequency)	at ± 100 kHz:	30 nsec
	at ± 150 kHz:	50 nsec
	at ± 200 kHz:	150 nsec
Typical Bandwidth:	± 200 kHz	

Inputs, Outputs, and Weight:

Input Connection:	Type "N"	
Input Hybrid:	Type "N"	
Output Connection:	7/8" EIA	
Output Hybrid:	7/8" EIA	
Maximum Filter Input Power:	1,000 W	
Maximum Power through Output Hybrid:	Average	2.5 kW
	Peak	40 kW
Shipping Weight:	tbd	tbd

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