



### Performance Specifications

Type:	Resonant Cavity	
Size:	3"	
No. of Cavities per Filter:	3	4
Typical VSUR	at $\pm 100$ kHz:	1.04:1
	at $\pm 150$ kHz:	1.04:1
	at $\pm 200$ kHz:	1.08:1
Typical Insertion loss:	-1.6 dB	2.3 dB
Typical Frequency Response (deviation from center frequency)	at $\pm 100$ kHz:	-0.01 dB
	at $\pm 150$ kHz:	-0.02 dB
	at $\pm 200$ kHz:	-0.05 dB
Typical Group Delay (deviation from center frequency)	at $\pm 100$ kHz:	30 nsec
	at $\pm 150$ kHz:	50 nsec
	at $\pm 200$ kHz:	150 nsec
Typical Bandwidth:	$\pm 200$ 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 (10 kW)	
Maximum Power through Output Hybrid:	Average	2.5 kW
	Peak	40 kW
Shipping Weight:	tbd	tbd

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