

Typical Data for Models 2516-3A and 2516-3B Bandpass Filters

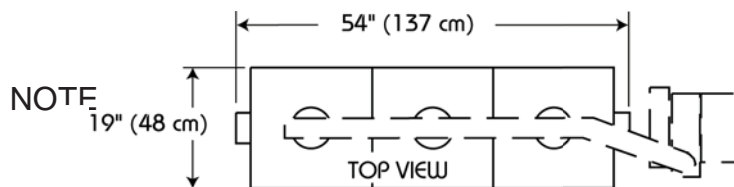
Performance Specifications

Type:	Resonant Cavity	
Size:	16"	
No. of Cavities:	3	
Typical VSWR	at F_0 :	1.05:1
	at ± 200 kHz:	1.10:1
Typical Insertion Loss:	≈ -0.25 dB	
Typical Frequency Response (deviation from center frequency)	at ± 100 kHz:	-0.04 dB
	at ± 150 kHz:	-0.08 dB
	at ± 200 kHz:	-0.10 dB
Typical Group Delay (deviation from center frequency)	at ± 100 kHz:	20 nsec
	at ± 150 kHz:	40 nsec
	at ± 200 kHz:	150 nsec
Typical Bandwidth:	± 200 kHz	

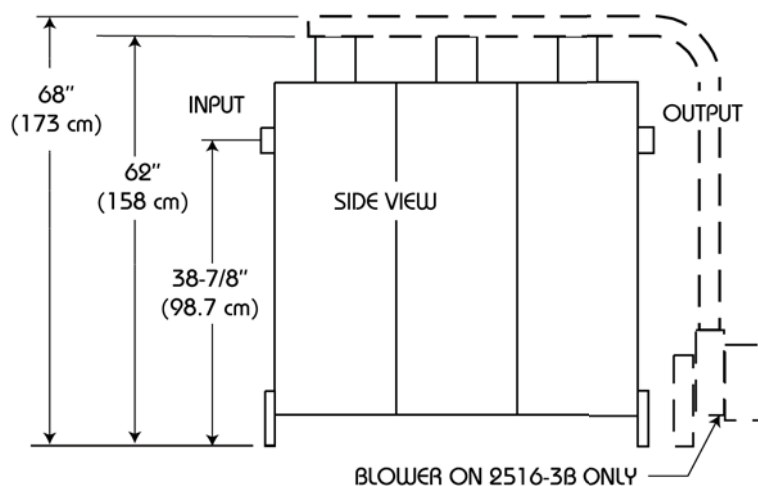
Inputs, Outputs, and Weight:

	Model 2516-3A	Model 2516-3B
Maximum Input Power:	10 kW	20 kW
Inputs:	1-5/8" EIA	3-1/8" EIA
Outputs:	1-5/8" EIA	3-1/8" EIA
Cooling:	Convection	Forced Air
Shipping Weight:	325 lb (148 kg)	375 lb (170 kg)

Dimensions:



Blowers for the forced-air-cooled units occupy a footprint of approximately 24" x 24" (51 x 51 cm). They must be located near the output end of the filter, but are not included in the length shown.



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