

Data for Models 2530-2A-16 and 2530-2B-16 Two-Station Branched Combiners

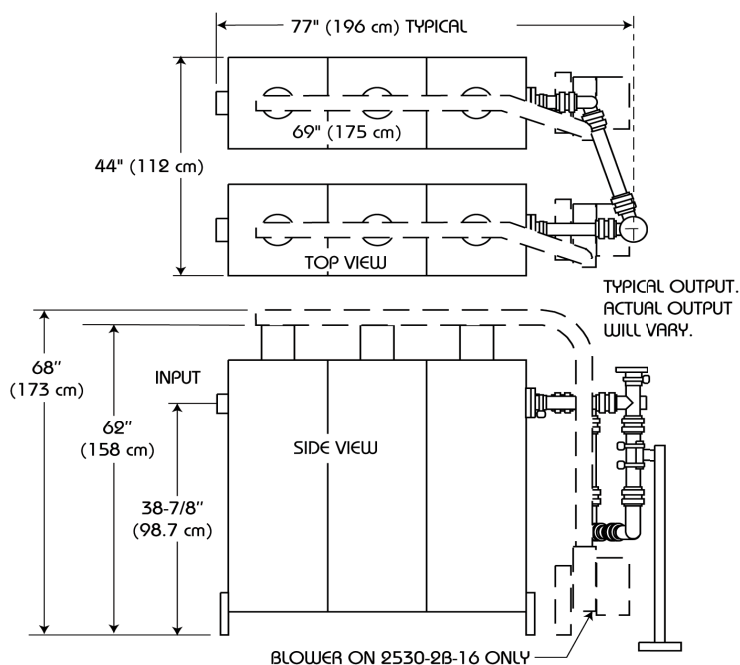
Performance Specifications

Type:	Resonant Cavity	
Size:	16"	
No. of Cavities per Station:	3	
Typical VSWR	at ± 100 kHz:	1.04:1
	at ± 150 kHz:	1.06:1
	at ± 200 kHz:	1.10:1
Typical Insertion Loss:	-0.30 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:	25 nsec
	at ± 150 kHz:	50 nsec
	at ± 200 kHz:	200 nsec
Typical Bandwidth:	± 200 kHz	
Spur Rejection, 800 kHz or greater:	Greater than 80 dB	

Inputs, Outputs, and Weight:

	Model 2530-2A-16	Model 2530-2B-16
Maximum Input Power:	10 kW	30 kW
Cooling:	Convection	Forced Air
Inputs:	1-5/8" EIA	3-1/8" EIA
Outputs:	3-1/8" EIA	6-1/8" EIA
Shipping Weight:	690 lb (314 kg)	790 lb (359 kg)

Dimensions:



Document No. ds-2530-2-16 (100507)