Shively Labs®

Data for Models 2530-3A-24 and 2530-3B-24 Three-Station Branched Combiners

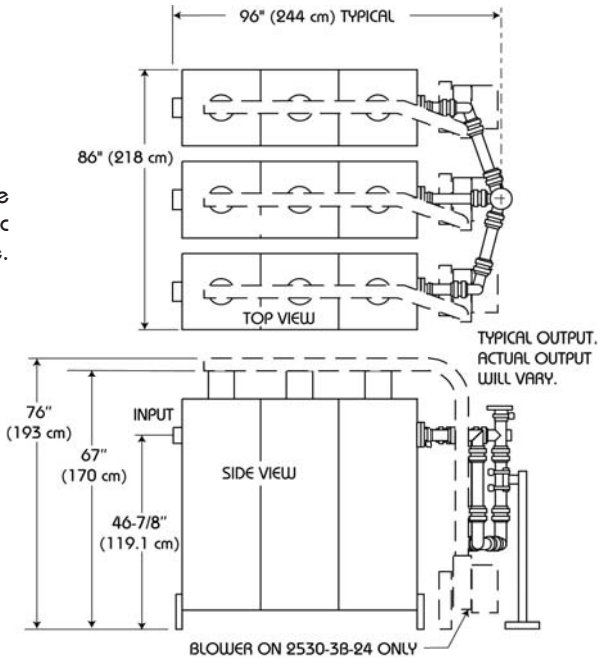
Performance specifications

Type:		Resonant Cavity
Size:		24"
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:		-0.25 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:	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

Dimensions:

NOTE

For some 3-station and all 4-station branched combiners, the layout will be a starpoint. Since the starpoint must be laid out specifically for the specific frequencies of the stations, a generalized outline drawing is not available.



Inputs, outputs, and weight:

	Model 2530-3A-24	Model 2530-3B-24
Maximum Input Power:	30 kW	50 kW
Cooling:	Convection	Forced Air
Inputs:	3-1/8" EIA	4-1/16"
Outputs:	3-1/8" EIA	6-1/8" EIA

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