

Data for Models 2730-4A-12 and 2730-4B-12 Four-Station Branched Combiners

Performance specifications

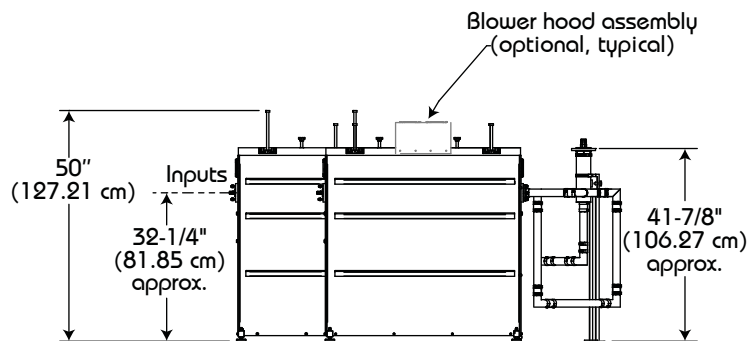
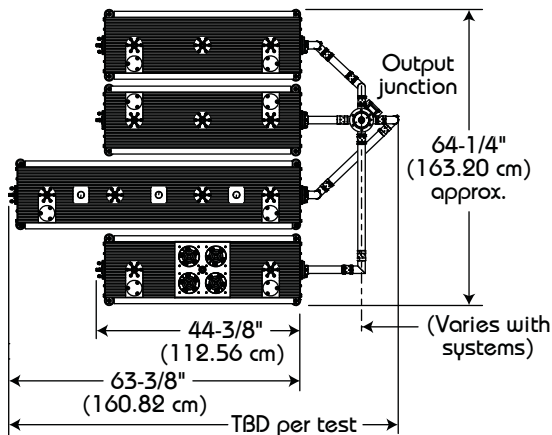
		Model 2730-4A-12			Model 2730-4B-12		
Type:	Resonant Cavity						
Maximum Input Power:	10 kW			15 kW			
Size:	12"			12"			
No. of Stations:	4			4			
Cooling:	Convection			Forced Air			
		2-cavity	3-cavity	4-cavity	2-cavity	3-cavity	4-cavity
Typical VSWR	at ± 100 kHz:	1.10:1	1.05:1	1.06:1	1.10:1	1.05:1	1.06:1
	at ± 150 kHz:	1.15:1	1.05:1	1.06:1	1.15:1	1.05:1	1.06:1
	at ± 200 kHz:	1.20:1	1.10:1	1.10:1	1.20:1	1.10:1	1.10:1
Typical Insertion Loss:		-0.20 dB	-0.30 dB	-0.35 dB	-0.20 dB	-0.30 dB	-0.35 dB
Typical Frequency Response (deviation from center frequency)	at ± 100 kHz:	-0.02 dB	-0.04 dB	-0.01 dB	-0.02 dB	-0.04 dB	-0.01 dB
	at ± 150 kHz:	-0.03 dB	-0.08 dB	-0.02 dB	-0.03 dB	-0.08 dB	-0.02 dB
	at ± 200 kHz:	-0.04 dB	-0.10 dB	-0.05 dB	-0.04 dB	-0.10 dB	-0.05 dB
Typical Group Delay (deviation from center frequency)	at ± 100 kHz:	15 nsec	20 nsec	25 nsec	15 nsec	20 nsec	25 nsec
	at ± 150 kHz:	20 nsec	40 nsec	50 nsec	20 nsec	40 nsec	50 nsec
	at ± 200 kHz:	40 nsec	200 nsec	150 nsec	40 nsec	200 nsec	150 nsec
Typical Bandwidth:	± 200 kHz			± 200 kHz			
Spur Rejection, as close as 700 kHz or greater than 2 MHz:	Greater than 80 dB						

Inputs, outputs, and weight:

	Model 2730-4A-12			Model 2730-4B-12		
	2-cavity	3-cavity	4-cavity	2-cavity	3-cavity	4-cavity
Inputs:	1-5/8" EIA			3-1/8" EIA		
Outputs:	3-1/8" EIA			6-1/8" EIA		
Shipping Weight:	~950 lb (432 kg)	~990 lb (450 kg)	~1040 lb (473 kg)	~1000 lb (455 kg)	~1040 lb (473 kg)	~1090 lb (495 kg)

NOTE: Derate power handling for elevations above 3,000 ft above sea level. See technical bulletin "Effect of Altitude on Power Ratings."

Dimensions:



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