

## Typical Data for Comblin Balanced Combiner Modules, Model 2740

### Description:

	2740-04A	2740-04B	2740-06A	2740-06B
Type:	--- Comblin ---		--- Comblin ---	
Size:	--- 4" ---		--- 6" ---	
No. of Cavities per Filter:	--- 3 ---		--- 3 ---	
Cooling:	Convection	Forced Air	Convection	Forced Air

### Performance Specifications:

		2740-04A	2740-04B	2740-06A	2740-06B
Maximum Filter Input Power:		5 kW	8 kW	10 kW	16 kW
Typical VSWR	at ± 100 kHz:	--- 1.04:1 ---		--- 1.04:1 ---	
	at ± 150 kHz:	--- 1.04:1 ---		--- 1.04:1 ---	
	at ± 200 kHz:	--- 1.08:1 ---		--- 1.08:1 ---	
Typical Insertion Loss:		--- -0.45 dB ---		--- -0.35 dB ---	
Typical Frequency Response (deviation from center frequency)	at ± 100 kHz:	--- -0.01 dB ---		--- -0.01 dB ---	
	at ± 150 kHz:	--- -0.02 dB ---		--- -0.02 dB ---	
	at ± 200 kHz:	--- -0.10 dB ---		--- -0.10 dB ---	
Typical Group Delay (deviation from center frequency)	at ± 100 kHz:	--- 25 nsec ---		--- 25 nsec ---	
	at ± 150 kHz:	--- 50 nsec ---		--- 50 nsec ---	
	at ± 200 kHz:	--- 100 nsec ---		--- 100 nsec ---	
Typical Bandwidth:		--- ± 200 kHz ---		--- ± 200 kHz ---	
Spur Rejection:		--- Greater than 80 dB ---		--- Greater than 80 dB ---	

### Inputs and Outputs:

	2740-04A	2740-04B	2740-06A	2740-06B
Station Input:	--- 7/8" or 1-5/8" EIA ---		--- 7/8" or 1-5/8" EIA ---	
Hybrid Output:	--- 1-5/8" or 3-1/8" EIA ---		--- 1-5/8" or 3-1/8" EIA ---	

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