



Apex Microwave Co. LTD

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Cavity Combiner A5CC758M2690MDL65

Revision record

Date	Version	Author	Revision description	Comment
2024/09/13	V1.0	Lee	Created	/

Electrical specification

Parameter	Specifications				
	758-821MHz	925-960MHz	1805-1880MHz	2110-2200MHz	2620-2690MHz
Frequency range	758-821MHz	925-960MHz	1805-1880MHz	2110-2200MHz	2620-2690MHz
Center frequency	789.5MHz	942.5MHz	1842.5MHz	2155MHz	2655MHz
Return loss(Normal temp)	≥17dB	≥18dB	≥18dB	≥18dB	≥18dB
Return loss(Full temp)	≥16dB	≥18dB	≥18dB	≥18dB	≥18dB
Center frequency insertion loss(Normal temp)	≤0.6dB	≤0.6dB	≤0.6dB	≤0.6dB	≤0.6dB
Center frequency insertion loss(Full temp)	≤0.65dB	≤0.65dB	≤0.65dB	≤0.65dB	≤0.65dB
Insertion loss in bands	≤1.5dB	≤1.5dB	≤1.5dB	≤1.5dB	≤1.5dB
Ripple in bands	≤1.0dB	≤1.0dB	≤1.0dB	≤1.0dB	≤1.0dB
Rejection at all stop bands	≥65dB	≥65dB	≥65dB	≥65dB	≥65dB
Stop band ranges	704-748MHz & 832-862MHz & 880-915MHz & 1710-1785MHz & 1920-1980MHz & 2500-2570MHz & 2300-2400MHz & 3300-3800MHz				



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Simulation curve

