



Apex Microwave Co. LTD

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Cavity Combiner A6CC758M2690M35NS1

Revision record

Date	Version	Author	Revision description	Comment
2024/09/09	V1.1	Lee	Created	/

Electrical specification

Parameter	LOW_IN	MID_IN	TDD_IN	Hi_IN
Frequency range	758-803 MHz 869-894 MHz	1930-1990MHz 2110-2200 MHz	2570-2615 MHz	2625-2690 MHz
Return loss	≥15 dB	≥15 dB	≥15dB	≥15 dB
Insertion loss	≤2.0 dB	≤2.0 dB	≤2.0dB	≤2.0 dB
Rejection	≥20dB@703-748 MHz ≥20dB@824-849 MHz ≥35dB@1930-1990 MHz	≥35dB@758-803MHz ≥35dB@869-894MHz ≥20dB@1710-1910 MHz ≥35dB@2570-2615MHz	≥35dB@1930-1990 MHz ≥35dB@2625-2690 MHz	≥35dB@2570-2615 MHz
Power handling per Band	Average: ≤42dBm, peak: ≤52dBm			
Power handling for common Tx-Ant	Average: ≤52dBm, peak: ≤60dBm			
Impedance	50 Ω			

Mechanical specification

Parameter	Specification
Dimension	LxWxH: 180mm x 135mm x 36mm (42mm Max)
Connectors	Hi_IN/ TDD_IN/ MID_IN/ LOW_IN: SMA-Female
	ANT : N-Female
Finish	Silver
Notes	Material shall be RoHS 6/6

Outline

