



Apex Microwave Co. LTD

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Add: Yuehu Technology Center, Wuhou District, Chengdu, Sichuan, China

Cavity Combiner A7CC758M2690M35NSDL3

Revision record

Date	Version	Author	Revision description	Comment
2024/09/12	V1.0	Sam	Created	/

Electrical specification

Parameter	Specifications			
	LOW	MID	TDD	HI
Frequency range (MHz)	758-803 860-889 935-960	1805-1880 2110-2170	2300-2400	2496-2690
Return loss	≥15dB			
Insertion loss	≤1.5dB			
Rejection (MHz)	≥25dB@703-748&814-845 &899-915 ≥35dB@1805-1880 &2110-2170 ≥35dB@2300-2400 &2570-2615	≥35dB@748-960 ≥35dB@2300-2400 &2570-2615 ≥35dB@2496-2690	≥35dB@748-960 ≥35dB@1805-1880&2110-2170 ≥35dB@2496-2690	≥35dB@748-960 ≥35dB@1805-1880M &2110-2170 ≥35dB@2300-2400



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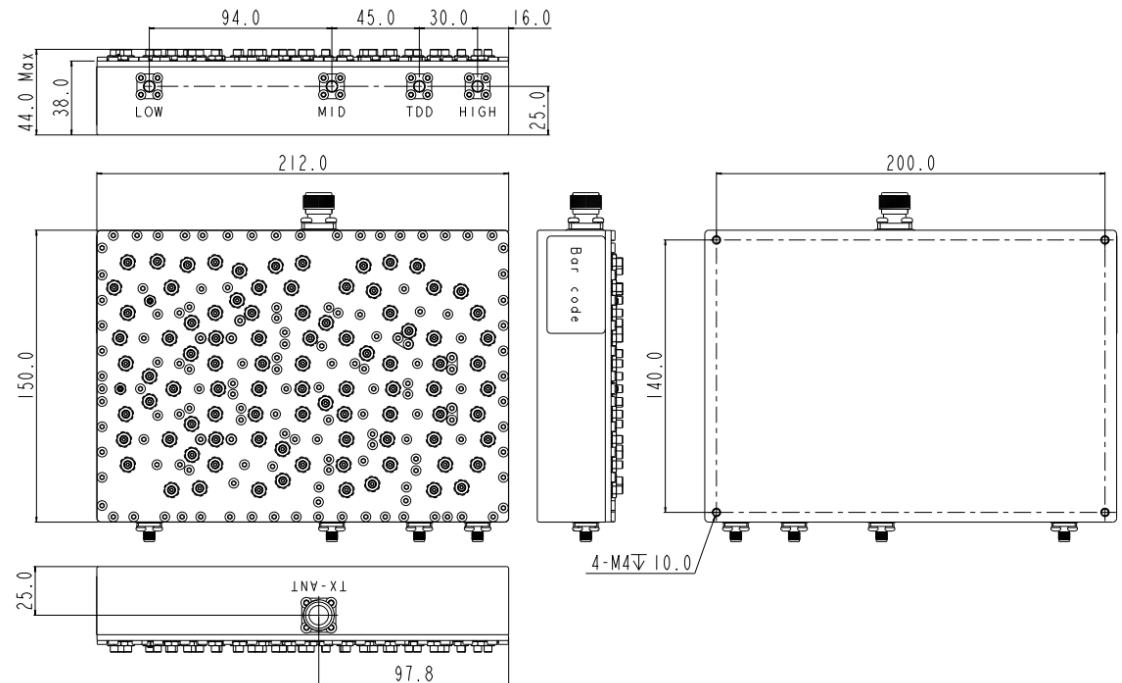
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	≥35dB @2496-2690MHz			
Power Handling Per Band	42dBm average;52dBm Peak			
Power Handling For Common (TX_Ant)	52dBm average,60dBm peak			
Impedance	50 Ω			

Mechanical specification

Dimension	L x W x H: 212mm x 150mm x 38mm (44.0mm Max)
Connectors	TX-ANT:N-Female
	LOW_IN;MID_IN;TDD_IN;HI_IN:SMA_Female
Finish	Silver
Notes	Material shall be RoHS 6/6

Outline





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Simulation curve

