



Apex Microwave Co. LTD

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

Cavity Combiner A7CC758M2690M35NSDL

Revision record

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

Electrical specification

Parameter	Specifications			
	LOW	MID	TDD	HI
Frequency range (MHz)	758-803 925-960	1805-1880 2110-2170	2300-2400 2570-2615	2620-2690
Return loss	≥15dB			
Insertion loss	≤1.5dB	≤1.5dB	≤1.5dB(2300-2400MHz) ≤1.5dB(2570-2615MHz)	≤3.0dB
Rejection (MHz)	≥35dB@1805-1880 &2110-2170 ≥35dB@2300-2400 &2570-2615 ≥35dB@2620-2690	≥35dB@791-821 &925-960 ≥35dB@2300-2400 &2570-2615 ≥35dB@2620-2690	≥35dB@791-821 &925-960 ≥35dB@1805-1880 &2110-2170 ≥35dB@2620-2690	≥35dB@791-821 &925-960 ≥35dB@1805-1880 &2110-2170 ≥35dB@2300-2400 &2570-2615



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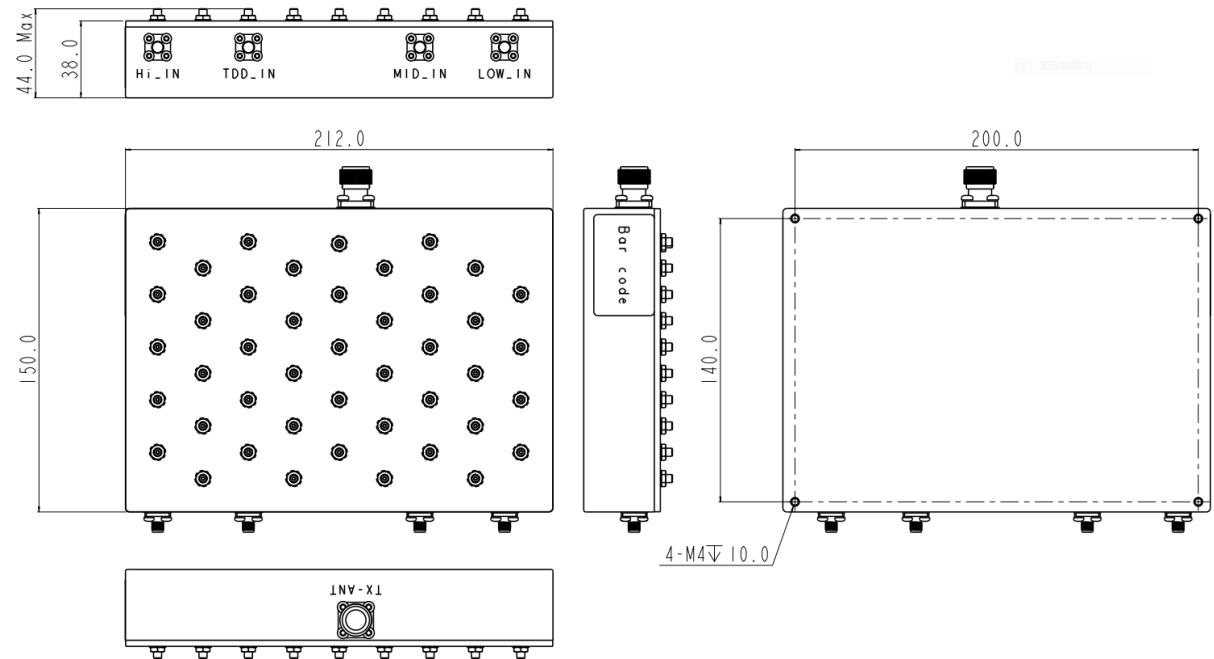
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Power Handling Per Band	42dBm average;52dBm Peak
Power Handling For Common (TX_Ant)	52dBm average,60dBm peak
Impedance	50 Ω

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

