



Apex Microwave Co. LTD

Web: [www.apextech-mw.com](http://www.apextech-mw.com) E-mail: [sales@apextech-mw.com](mailto:sales@apextech-mw.com) TEL: [+86-28-85555062](tel:+86-28-85555062)

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

# Cavity Combiner A6CC758M4200M4310FSF

## Revision record

Date	Version	Author	Revision description	Comment
2024/11/21	V1.4	Vivian	Created	/
2025/01/08	V1.5	Vivian	Updated the color	Apex suggest

## Electrical specification

Parameter	Specifications					
	Port1	Port2	Port3	Port4	Port5	Port6
Frequency range(MHz)	758-821	925-960	1805-1880	2110-2170	2620-2690	3300-4200
Rejection(dB)	≥ 75dB 703-748 ≥ 75dB 832-862 ≥ 75dB 880-915 ≥ 75dB 1710-1785 ≥ 75dB 1920-1980 ≥ 75dB 2500-2570 ≥ 100dB 3300-4200					≥ 71dB 700-2700
Insertion loss( dB)	≤1.3	≤1.3	≤1.3	≤1.2	≤1.2	≤0.8
Ripple Bandwidth( dB)	≤1.0	≤1.0	≤1.0	≤0.5	≤1.0	≤0.5
Isolation( dB)	≥80					
Return loss/VSWR	≤-18dB/1.3					



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Impedance ( $\Omega$ )	50 $\Omega$
Input Power (at each port)	80 W average Max:500W peak Max
Input Power(com port)	400 W average Max:2500W peak Max
Operation temperature	-0°C to +55°C
Storage temperature	-20°C to +75°C
Relative humidity	5%~95%
Application	Indoor

**Mechanical specification**

**Outline**

Dimension	293*230*35.5mm(without connectors)
Connectors	Input :4.3-10-F / Output:SMA-F
Color	White
Notes	Material shall be RoHS 6/6

