



Apex Microwave Co. LTD

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

# Cavity Combiner A6CCBP435S

## Revision record

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

## Electrical specification

Parameter	Specifications					
Port sign	TX-ANT					B38
Frequency range	703-748MHz	824-849MHz	1710-1770MHz	1850-1910MHz	2500-2565MHz	2575-2615MHz
Return loss	≥15dB	≥15dB	≥15dB	≥15 dB	≥15 dB	≥15 dB
Insertion loss	≤2.0dB	≤2.0dB	≤2.0dB	≤2.0 dB	≤2.0 dB	≤2.0 dB
Rejection	≥20dB@ 758-803MHz ≥35dB@650MHz	≥20dB@ 758-803MHz ≥20dB@869MHz	≥35dB@1670MHz	≥20dB@1930MHz	≥35dB@ 2575-2615MHz ≥35dB@2400MHz	≥35dB@2565MHz ≥20dB@2625MHz
Average power	≤2dBm (TX-ANT:≤5dBm )					
Peak power	≤12dBm (TX-ANT:≤15dBm)					
Impedance	50 Ω					



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**Mechanical specification**

Parameter	Specifications
Dimension	LxWxH: 215mm x 175mm x 34mm (40mm Max)
Connectors	SMA-Female
Finish	Silver
Notes	Material shall be RoHS 6/6

**Outline**

