

Cavity Combiner

A4CC4VBIGTXB40

Revision record

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

Electrical specification

Parameter	Specifications			
	B8	B3	B1	B40
Port sign	B8	B3	B1	B40
Frequency range	925-960MHz	1805-1880MHz	2110-2170MHz	2300-2400MHz
Return loss	≥15dB	≥15dB	≥15dB	≥15dB
Insertion loss	≤1.0dB	≤1.0dB	≤1.0dB	≤1.0dB
Rejection	≥35dB	≥35dB	≥35dB	≥30dB
Rejection range	880-915MHz	1710-1785MHz	1920-1980MHz	2110-2170MHz
Input power	SMA port: 20W average 500W peak			
Output power	N port: 100W average 1000W peak			

Mechanical specification

Parameter	Specification
Dimension	LxWxH:150mm x 100mm x 34mm (40.0mm Max)
Input connectors	SMA-Female
COM conector	N-Female
Finish	Silver
Notes	Material shall be RoHS 6/6

Outline

