

Cavity Duplexer

A2CD380M520M75NF

Revision record

Date	Version	Author	Revision description	Comment
2025/01/15	V1.0	Vivian	Created	/
2025/03/17	V1.1	Vivian	Updated	/
2025/04/14	V1.2	Vivian	Updated the Temperature range and isolation	Apex suggest

Electrical specification

Parameter	Specification		
Frequency range	380-520MHz		
Working bandwidth	±100KHz	±400KHz	±100KHz
Frequency separation	>5-7MHz	>7-12MHz	>12-20MHz
Insertion loss	≤1.5dB	≤1.5dB	≤1.5dB
Power	≥50W		
TX and RX isolation	62dB@-10°C~+50°C ≥75dB@25°C		
Voltage VSWR	≤1.5		
Temperature range	-10°C~+50°C		

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 204.5×190×39(±0.5mm)
Connectors	N-Female
Finish	Black Painting
Weight	1.6KG
Notes	Material shall be RoHS 6/6

Outline

