

Cavity Duplexer

ATD412M422M02N

Revision record

Date	Version	Author	Revision description	Comment
2024/09/20	V1.0	Sam	Created	/

Electrical specification

Parameter	Specification	
Frequency range	Low1/Low2	High1/High2
	410-415MHz	420-425MHz
Insertion loss	≤1.0dB	
Return loss	≥17dB	≥17dB
Rejection	≥72dB@420-425MHz	≥72dB@410-415MHz
Power	100W (Continuous)	
Temperature range	-30°C to +70°C	
Impedance	50Ω	

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 422mm x 162mm x 70mm (78.0mm Max)
Connectors	N-Female
Finish	Black
Weight	About 5.8kg
Notes	Material shall be RoHS 6/6

Outline

