



Document	Document Number	Revision	Date
Spec Sheet	FAX041042A01	A	04-May-2020

Duplexer Proposal

P/N : FAX041042A01

Contents

1. Electrical Specifications
2. Simulation Data
3. Mechanical Specification

Revision	Description	Date
A	Initial Release	04-May-2020

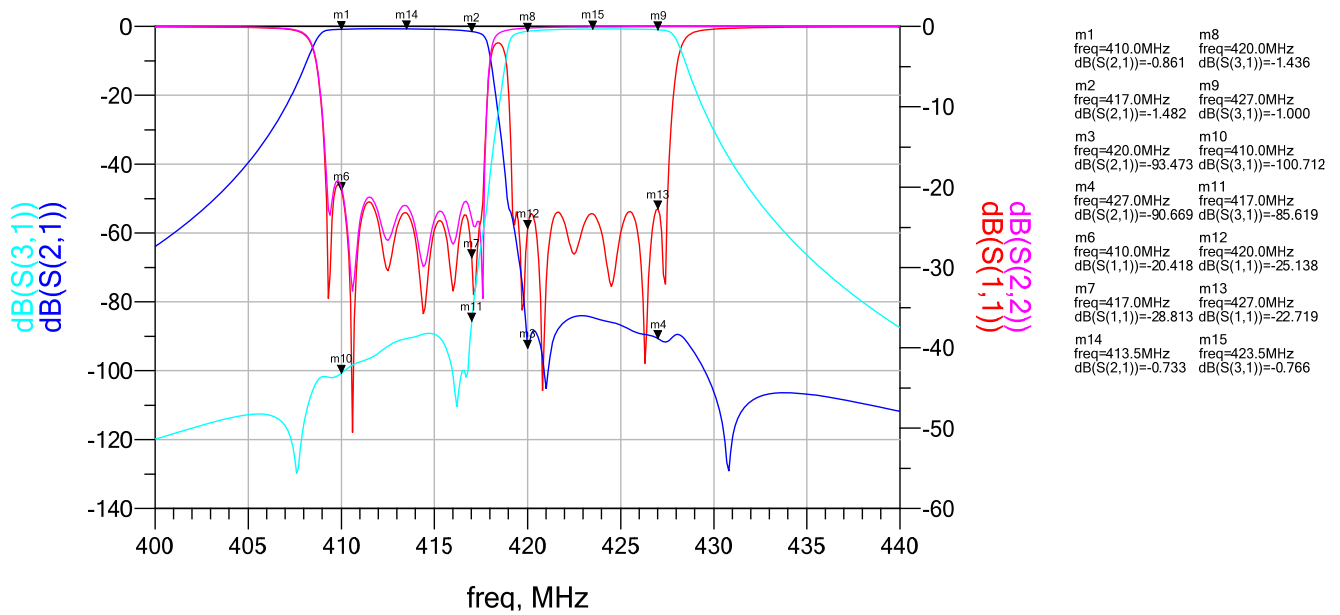


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1. Electrical Specifications

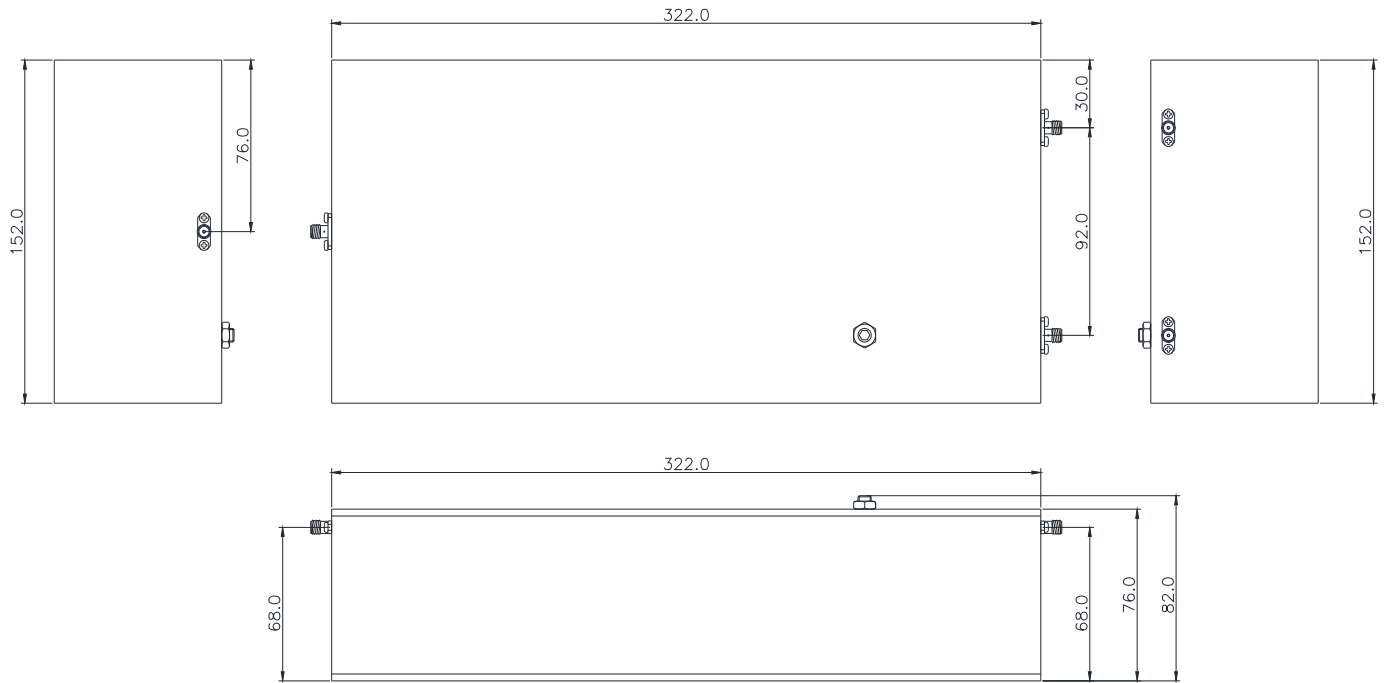
Item	Specification		Simulation		Proposal	
	LOW	HIGH	LOW	HIGH	LOW	HIGH
Frequency Range	410 ~ 417MHz	420 ~ 427MHz	-	-	-	-
Insertion Loss (Max)	1.0dB max	1.0dB max	1.48	1.43	1.6dB max	1.6dB max
Ripple (Max)	0.5dB max	0.5dB max	0.76	0.67	0.8dB max	0.8dB max
Return Loss(Min)	20dB Min		20.4	22.0	OK	OK
Attenuation at reject band	80 min @ 420 ~ 427 MHz	80 min @ 410 ~ 417 MHz	85	85	OK	OK
Input/Output impedances	50Ω		-	-	OK	OK
Power handling	40W Avg / 200W Peak		-	-	OK	OK
Operating temperatures	-40 ~ +85		-	-	OK	OK

2. Simulation Data



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3. Mechanical Specification



Parameter	Specification	Proposal
Dimension	TBD	322x 152 x 82.0 Max (Unit : mm)
RF Connector	TBD	ALL ports SMA type Female
Finish	TBD	Black Color Epoxy Coating