



Document	Document Number	Revision	Date
Spec Sheet	FAXB88A01	A	26-Mar-2020

Duplexer Proposal

P/N : FAXB88A01

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Revision	Description	Date
A	Initial Release	26-Mar-2020

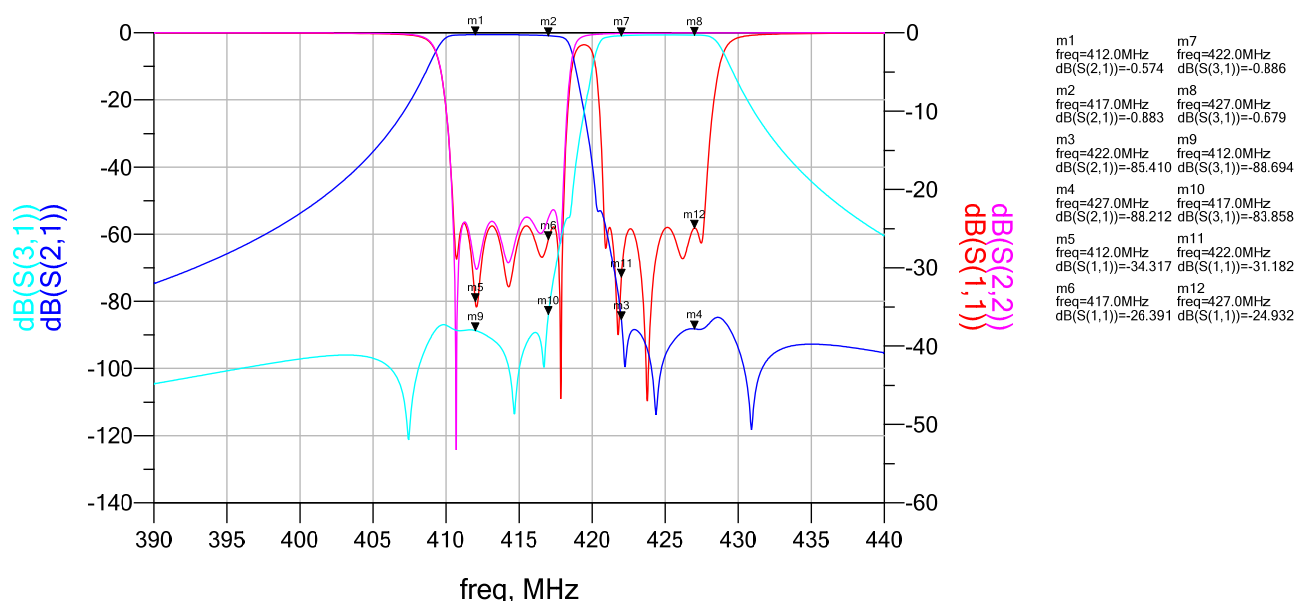


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1. Electrical Specifications

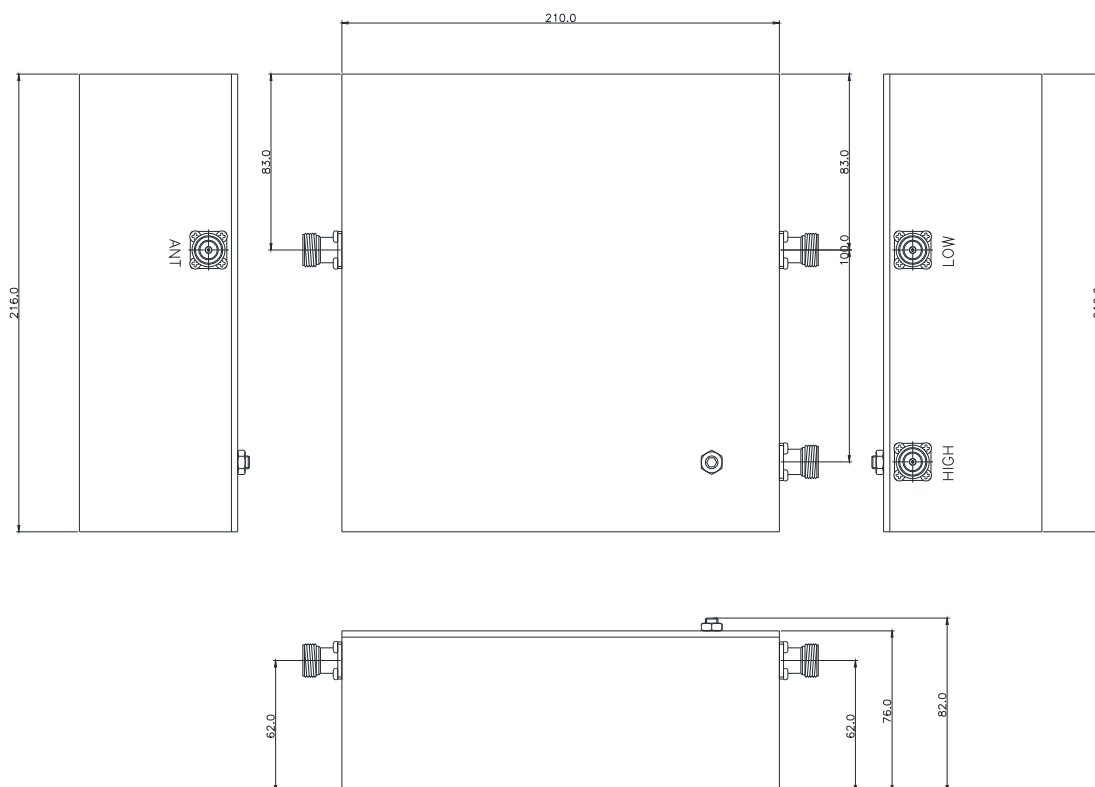
Item	Specification		Simulation		Proposal	
Frequency Range	LOW	HIGH	U/L	D/L	U/L	D/L
	412 ~ 417MHz	422 ~ 427MHz	-	-	-	-
Insertion Loss (Max)	1.0dB max	1.0dB max	0.88	0.88	OK	OK
Ripple (Max)	0.5dB max	0.5dB max	0.37	0.36	OK	OK
Return Loss(Min)	20dB Min		22.0	22.0	OK	OK
Attenuation at reject band	80 min @ 422 ~ 427 MHz	80 min @ 412 ~ 417 MHz	85	83.8	OK	OK
Input/Output impedances	50Ω		-	-	OK	OK
Power handling	200W CW		-	-	OK	OK
Operating temperatures	-40 ~ +85		-	-	OK	OK

2. Simulation Data



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3. Mechanical Specification



Parameter	Specification	Proposal
Dimension	TBD	210x 216 x 82.0 Max (Unit : mm)
RF Connector	TBD	ALL ports N type Female
Finish	TBD	Black Color Epoxy Coating