



Document	Document Number	Revision	Date
Spec Sheet	FAXB01A03	A	20-May-2020

Duplexer Proposal

P/N : FAXB01A03

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Revision	Description	Date
A	Initial Release	20-May-2020

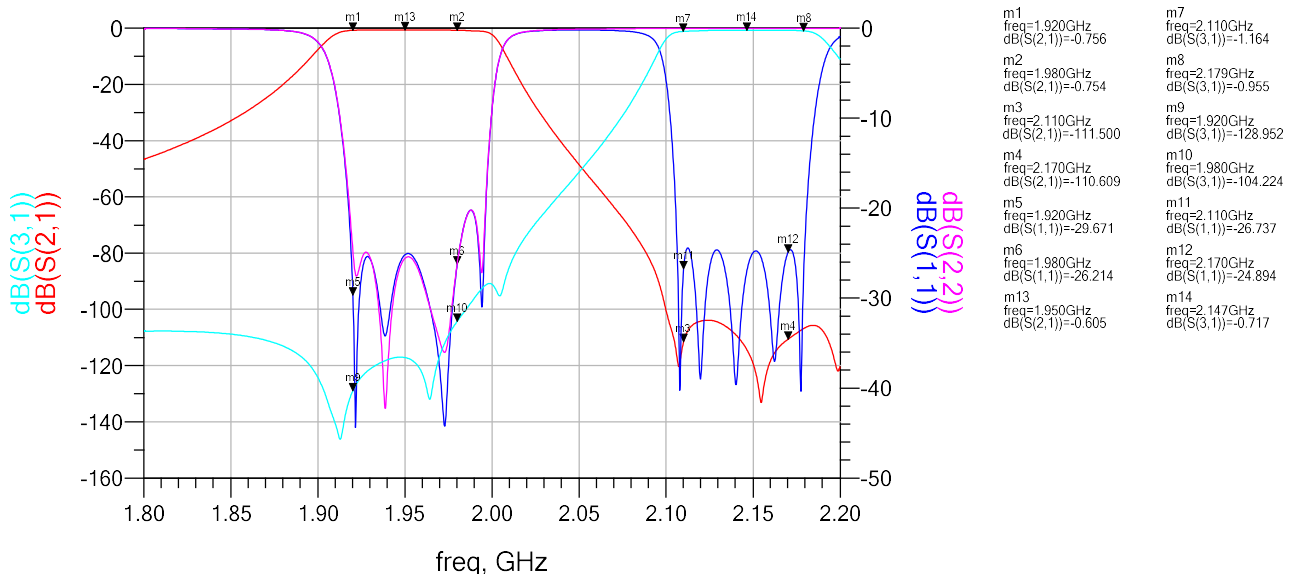


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1. Electrical Specifications

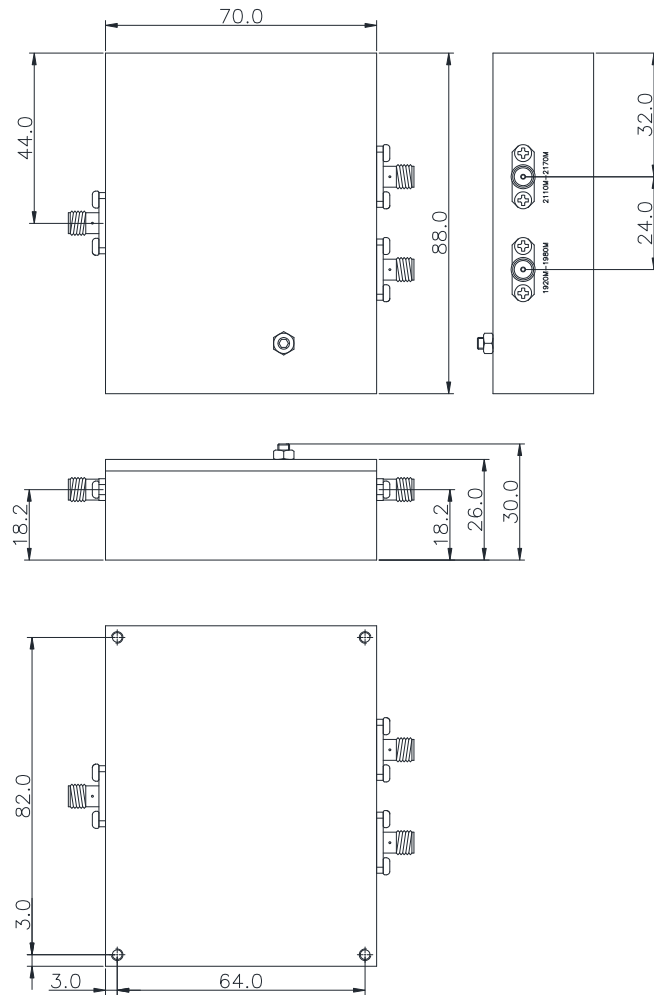
Parameter	Specification		Simulation		Proposal
	1920 ~1980MHz	2110 ~ 2170MHz	1920~1980 MHz	2110~2170 MHz	
Pass band	1920 ~1980MHz	2110 ~ 2170MHz	1920~1980 MHz	2110~2170 MHz	-
Insertion Loss (Max)	1.5dB max.	1.5dB max.	0.75	1.16	OK
Ripple (Max)	1.0dB max.	1.0dB max.	0.15	0.46	OK
Return Loss(Min)	20dB Min.		22.0	22.0	OK
Attenuation at reject band	90 min @ 2110 ~ 2170 MHz	90 min @ 1920 ~ 1980 MHz	110	104	OK
Input/Output impedances	50Ω		-	-	OK
Power handling	20W Avg		-	-	OK
Operating temperatures	-20 ~ +80		-	-	OK

2. Simulation Data



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3. Mechanical Specification



Parameter	Specification	Proposal
Dimension	102x 102 x 28.0 Max (Max 35.0mm)	70x 88 x 26.0 Max ((Max 30.0mm))
RF Connector	ALL ports SMA type Femalninge	ALL ports SMA type Female
Finish	TBD	N/A
Weight	0.570Kg	Around 0.420Kg