



Document	Document Number	Revision	Date
Spec Sheet	FAXB01A01	A	17-June-2019

## Duplexer

**P/N : FAXB01A01**

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Revision	Description	Date
A	Initial Release	17-June-2019

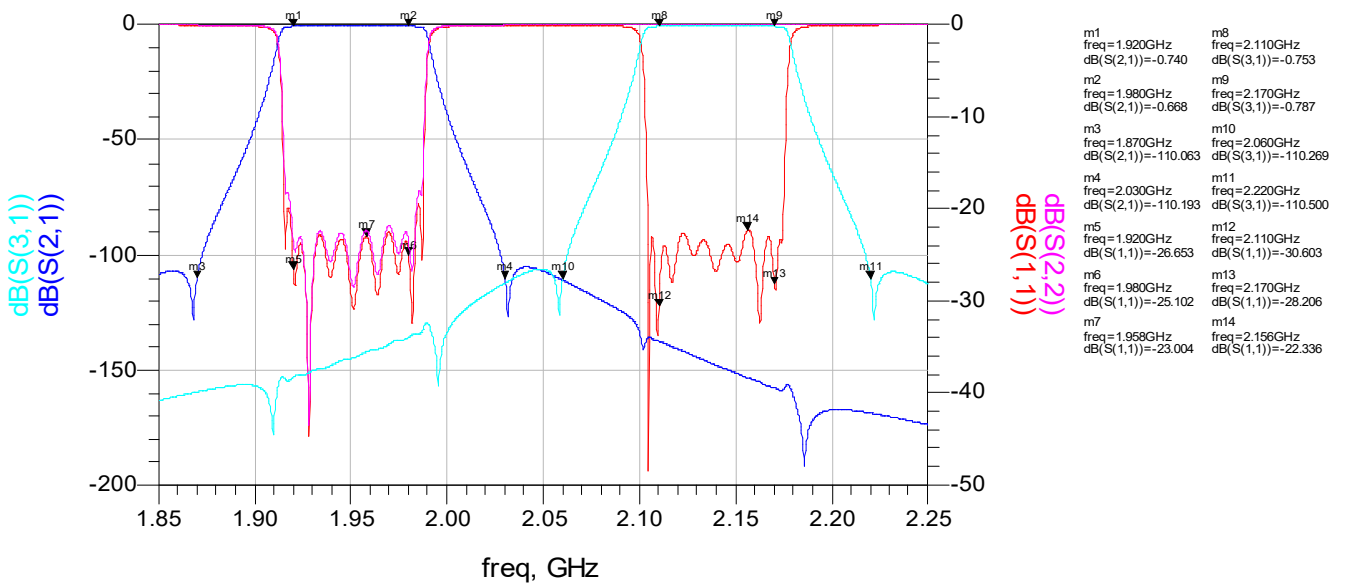


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## 1. Electrical Specifications

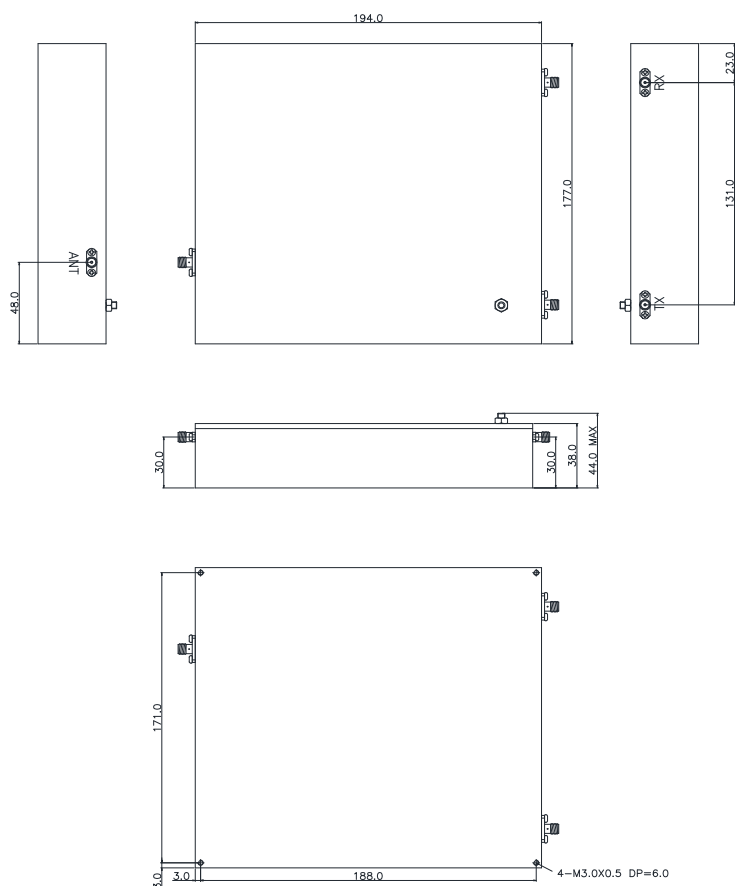
Parameter	Specification		Simulation		Proposal	
	1920~1980MHz	2110~2170MHz	1920~1980MHz	2110~2170MHz		
Pass Band	1920~1980MHz	2110~2170MHz	1920~1980MHz	2110~2170MHz	OK	OK
Insertion Loss	1.0dB max.	1.0dB max.	0.74	0.78	OK	OK
Return Loss	18.0 dB min	18.0 dB min	21.0	21.0	OK	OK
Attenuation	100.0dB min @DC~1870MHz	100.0dB min @DC~2060MHz	110.06	110.26	10MHz~1870MHz	10MHz~2060MHz
	100.0dB min @2030MHz~12750MHz	100.0dB min @2220MHz~12750MHz	110.19	110.50	100.0dB min @2030MHz~8000MHz 80.0dB min @8000MHz~12750MHz	100.0dB min @2200MHz~8000MHz 80.0dB min @8000MHz~12750MHz
Input Output Impedance	50Ω		-	-	OK	OK
Power Handling	100W CW		-	-	OK	OK
Operating temperature	-30 ~+75		-	-	OK	OK

## 2. Simulation Data



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### 3. Mechanical Specification



Parameter	Specification	Proposal
Dimension	194.0x 177.0 x 44.0 Max (Unit : mm)	OK
Mounting Points	See Outline Drawing	OK
RF Connector	SMA Female	OK
Connector Position	See Outline Drawing	OK
Finish	Black Color Epoxy Coating	OK



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