



300-320 MHz / 360-380 MHz Cavity Duplexer

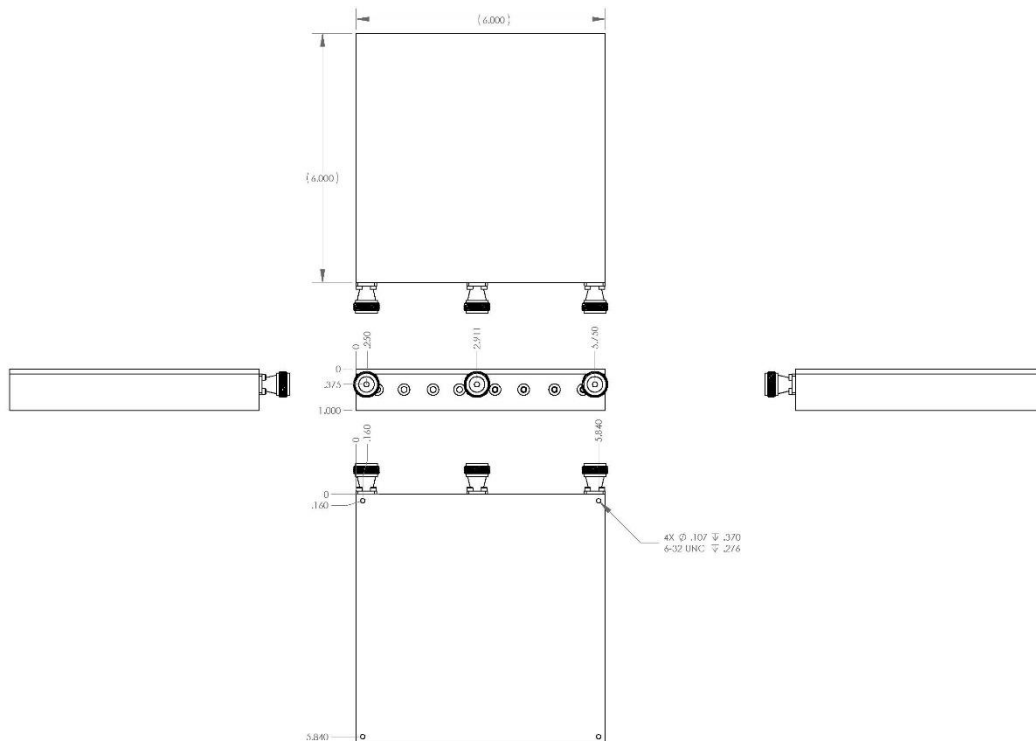


ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE310-370DB5501

<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>	<u>Mechanical</u>	
Passband:	300-320 MHz	360-380 MHz	Mounting Method:	6-32 Threaded holes
Bandwidth:	20 MHz	20 MHz	Connector Type:	N Type (F)
Insertion Loss:	1.0 dB Max.	1.0 dB Max.	Dimensions:	6.00" x 6.00" x 1.00"
Return Loss:	15 dB Min.	15 dB Min.	Environmental	
Rejection:	40 dB Min @ 360-380 MHz	40 dB Min. @ 300-320 MHz	Operating Temperature:	-40 to +80 deg.C
Rejection:	30 dB Min. @ 260 MHz	30 dB Min. @ 420 MHz	Storage Temperature:	-55 to +90 deg.C
Power Handling:	100 Watts Max.		Shock:	20 G. 11ms
Impedance:	50 Ohms		Vibration:	20 G. 5 to 200Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.



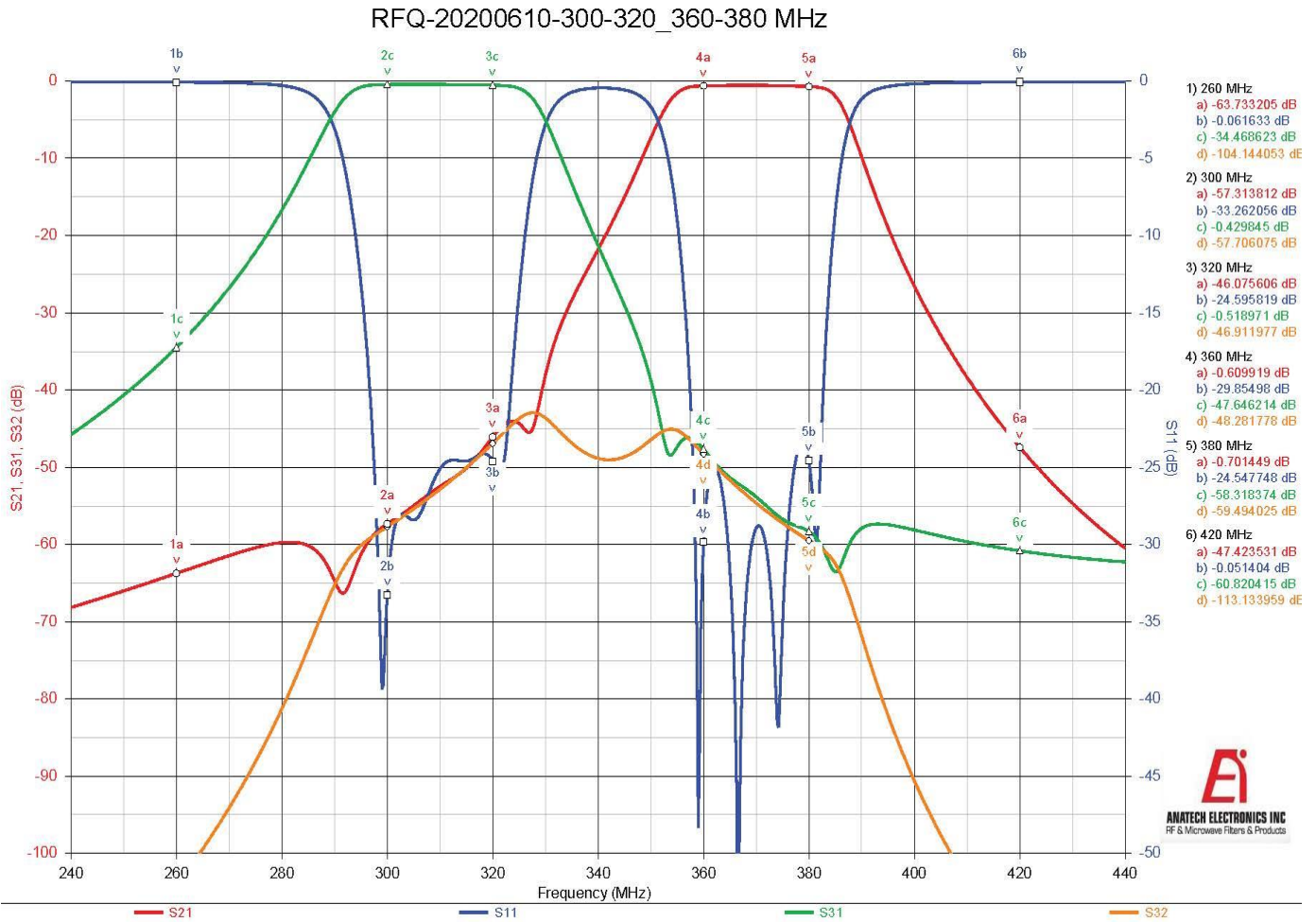
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

300-320 MHz / 360-380 MHz Cavity Duplexer

Part Number: AE310-370DB5501



Simulated response plot



Tolerance: +/-0.01 inches [+/- 0.3mm]

Angles: +/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.