



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

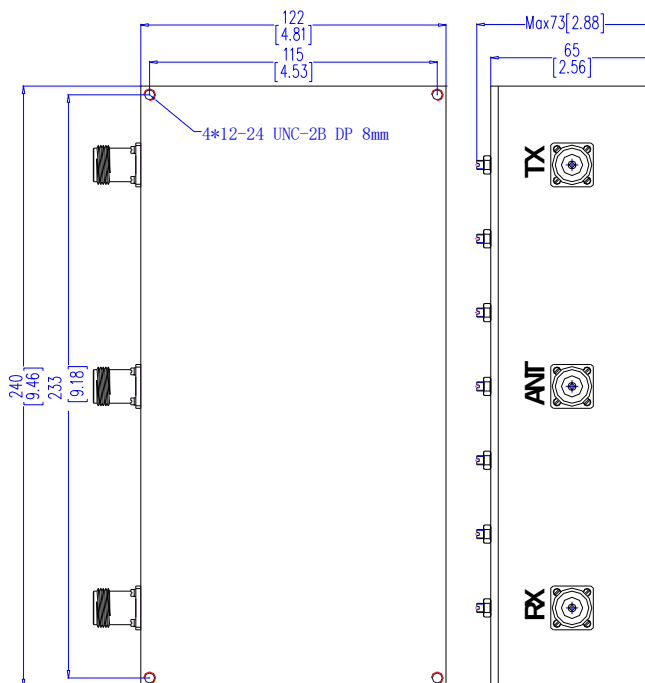
454.665-454.985/ 459.665-459.985 MHz Cavity Duplexer

Part Number: AE454-459DB5519



<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>	<u>Mechanical</u>	
Center Frequency:	454 MHz	459 MHz	Mounting Method:	4-12 Threaded holes
Passband:	454.665-454.985 MHz	459.665-459.985 MHz		
Passband Insertion Loss:	<= 2.0 dB	<= 2.0 dB	Connectors:	N Type (F)
Passband Return Loss:	>=15 dB	>=15 dB	Dimensions:	9.45" x 4.81" X 2.88" max 240 x 122 x 73 mm
Input / Output Impedance:	50 Ohms	50 Ohms	<u>Environmental</u>	
Isolation:	>=80 dB		Operating Temperature:	-10 to +35 deg.C
Power Handling:	50 Watt	50 Watt	Storage Temperature:	-55 to +85 deg.C
			Shock:	20 G. 11 ms
			Vibration:	20 G. 5 to 200 Hz

OutlineDrawing:



2 decimal places: +/-0.01 inches [+/- 0.3mm]
3 decimal places: +/- 0.005 inches [+/- 0.13mm]
Angles: +/- 1 Deg.

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



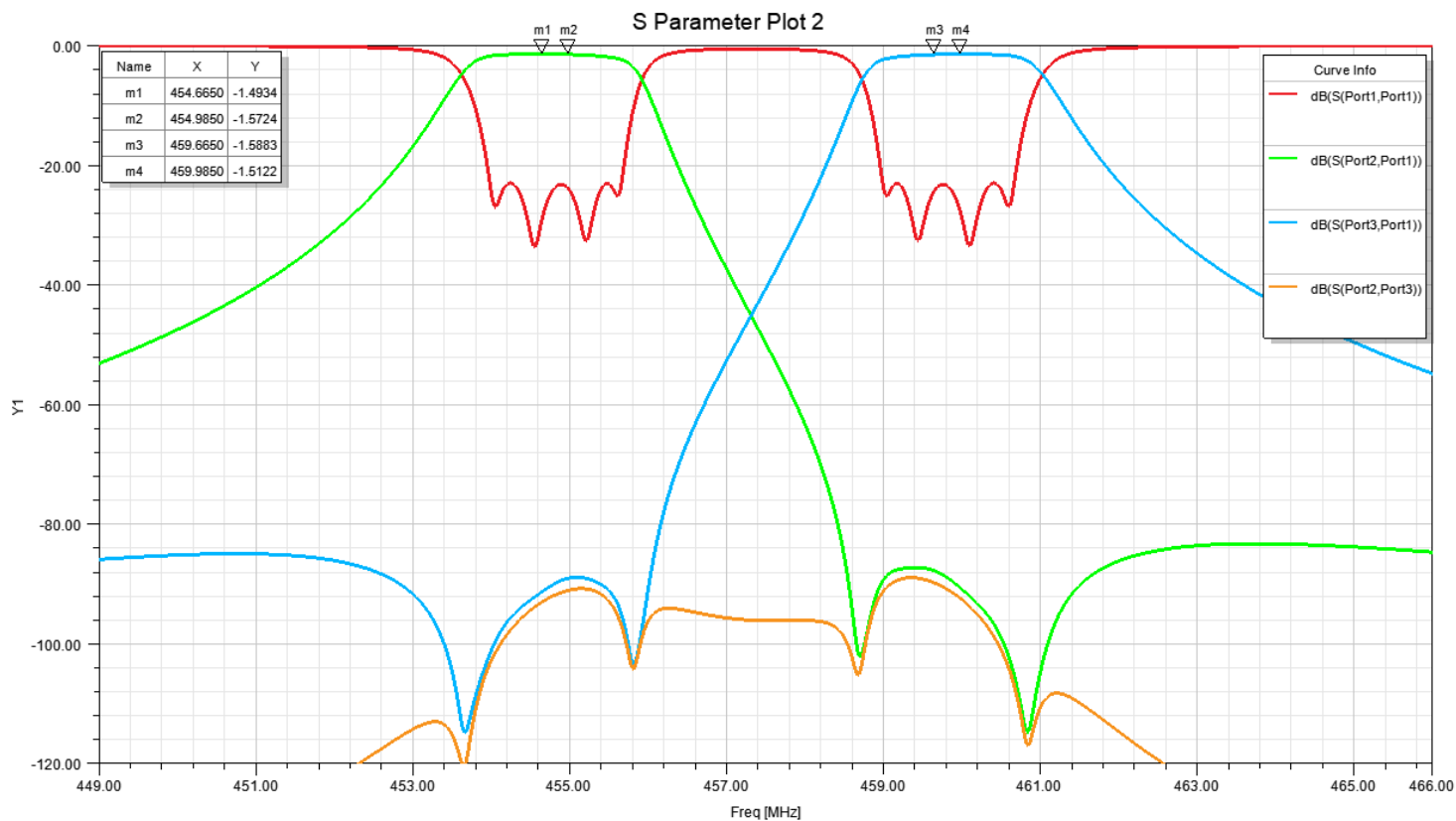
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Simulated Response Plot



Note: This is a simulated response plot. Actual results may differ.