



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

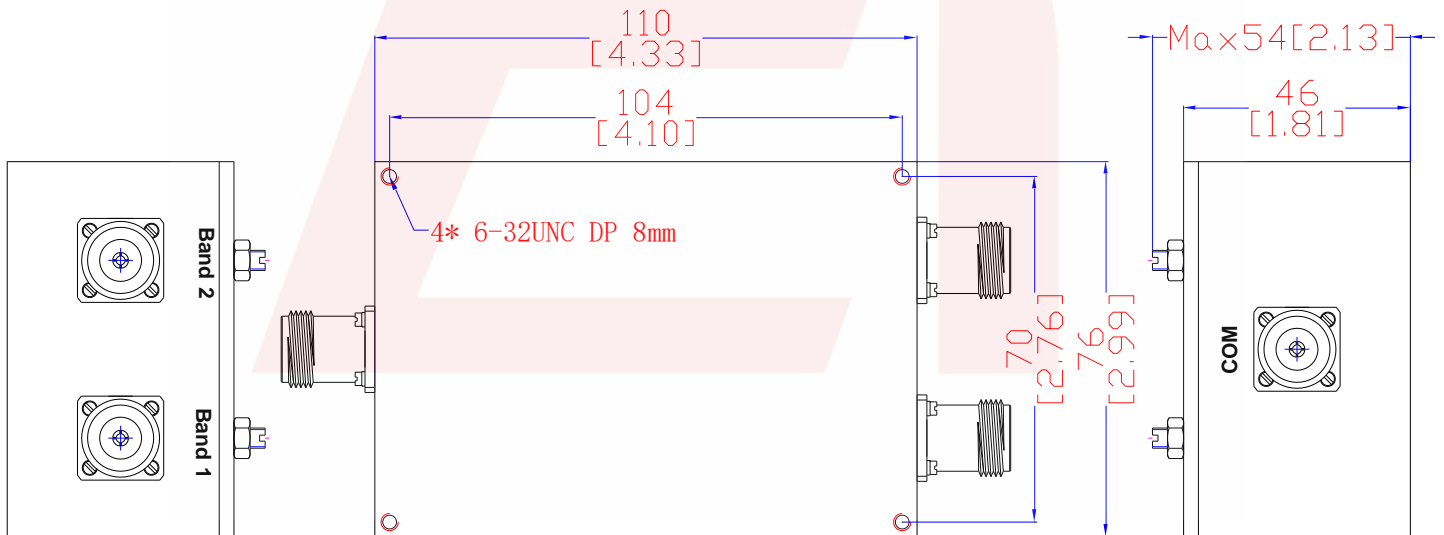
974.5-981.5 MHz / 1086.5-1093.5 MHz
Cavity Duplexer
Part Number: AE978-1090DB5536



Characteristics	Band 1	Band 2
Passband:	974.5 – 981.5 MHz	1086.5 – 1093.5 MHz
Return Loss:	20 dB Min	20 dB Min
Insertion Loss:	0.5 dB Max	0.5 dB Max
Isolation	30 dB Min	30 dB Min
Input / Output Impedance:	50 Ohms	
Power Handling:	50 W Average Max	

Mechanical	
Connector Type:	N Type (F)
Dimensions:	4.33 x 2.99 x 2.13 in. 110 x 76 x 54 mm
Environmental	
Operating Temp.:	-40 to +70 deg.C
Storage Temp.:	-55 to +85 deg.C
Shock:	20 G. 11ms
Vibration:	20 G. 5 to 200 Hz

Outline Drawing:



Tolerance: +/-0.01 inches [+/- 0.3mm] Angles:
+/- 1 Deg.

*Tolerance as shown unless otherwise specified in the datasheet electrical specification tables above. DS-DB5536-02162023-Rev0

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

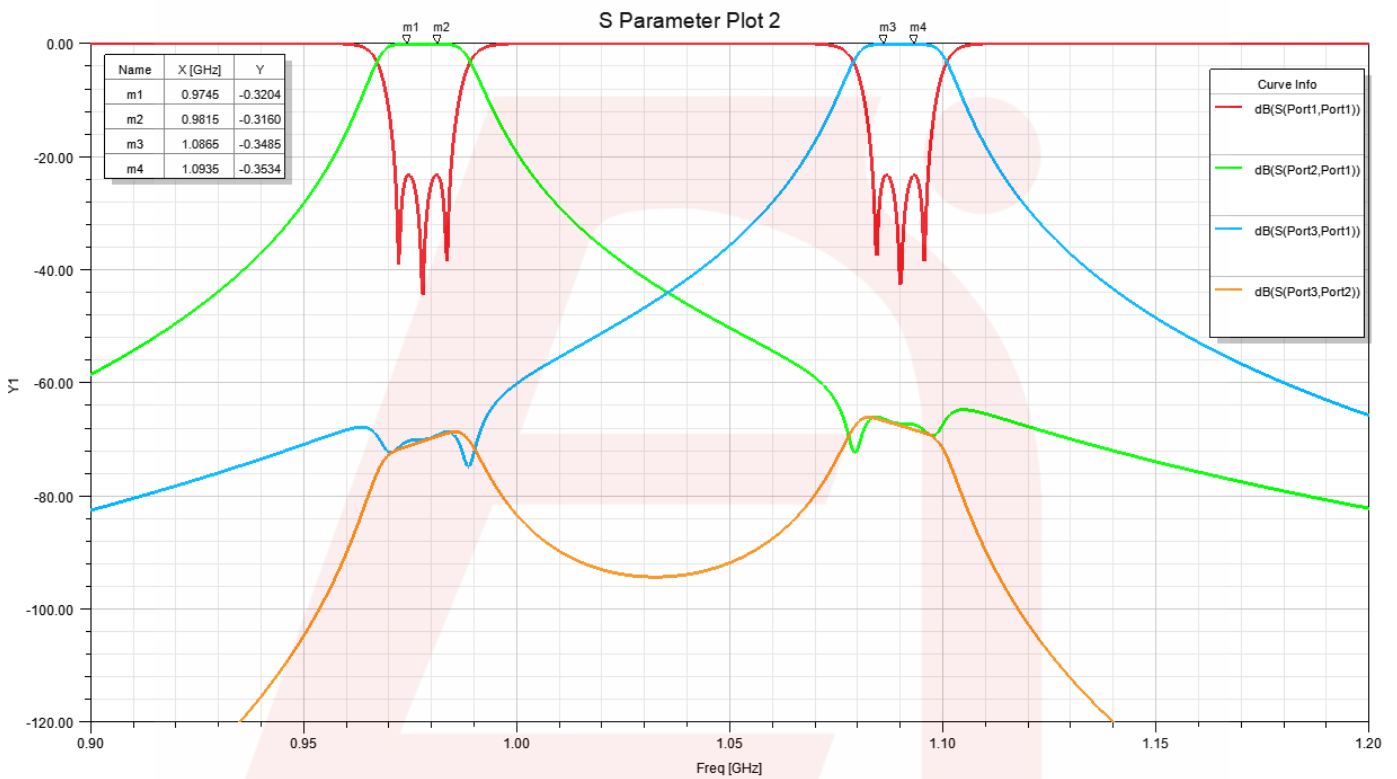


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Plot:



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