



1600-2000 MHz / 2150-2400 MHz Cavity Duplexer



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

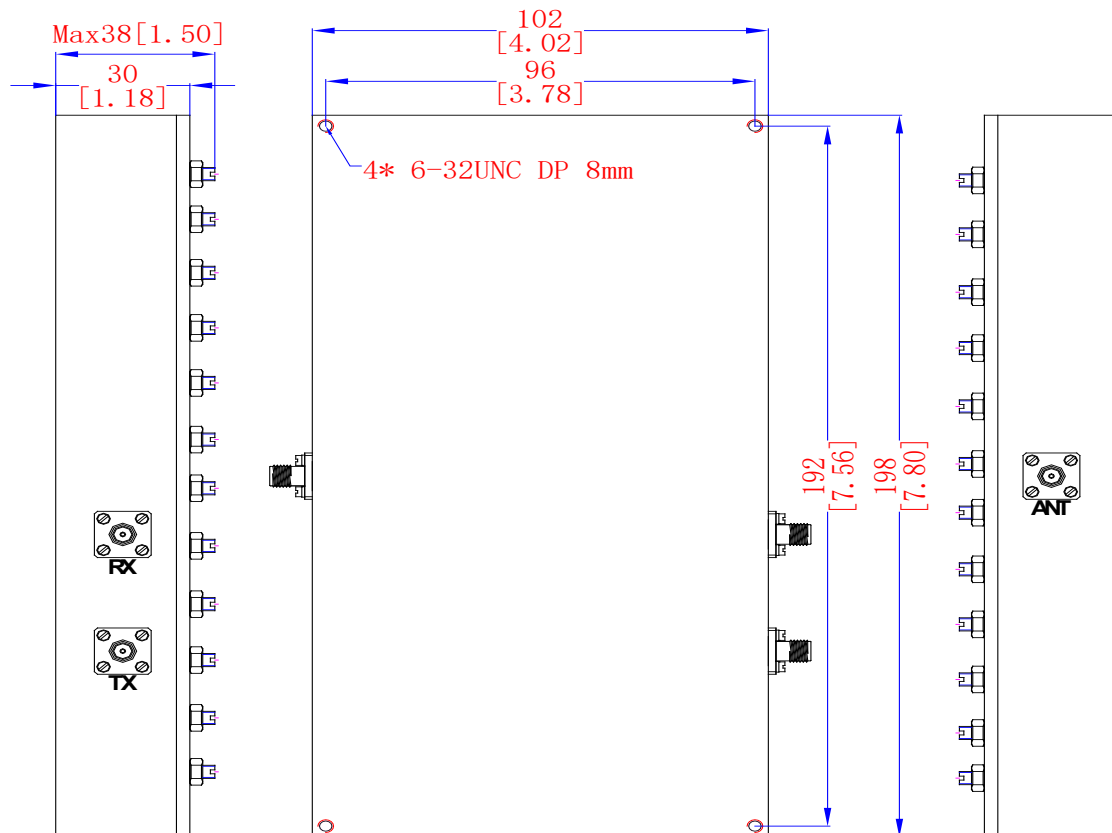
Part Number: AE1800-2275DB5491

<u>Characteristics</u>	<u>Band 1(RX)</u>	<u>Band 2(TX)</u>
Passband:	1600-2000 MHz	2150-2400 MHz
Bandwidth:	400 MHz	250 MHz
Return Loss:	18 dB Min.	18 dB Min.
Insertion Loss:	0.5 dB Max.	0.5 dB Max.
Isolation:	80 dB Min.	80 dB Min.
Power Handling:	50 Watts	50 Watts
Input / Output Impedance:	50 Ohms	50 Ohms

<u>Mechanical</u>	
Mounting Method:	Threaded Holes
Connector Type:	SMA(F)
Dimensions:	198 X 102 X 38 mm
Dimensions:	7.8 X 4.02 X 1.5 in.

<u>Environmental</u>	
Operating Temperature:	-40 to +85 deg.C
Storage Temperature:	-55 to +95 deg.C
Shock:	20 G. 11ms
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.



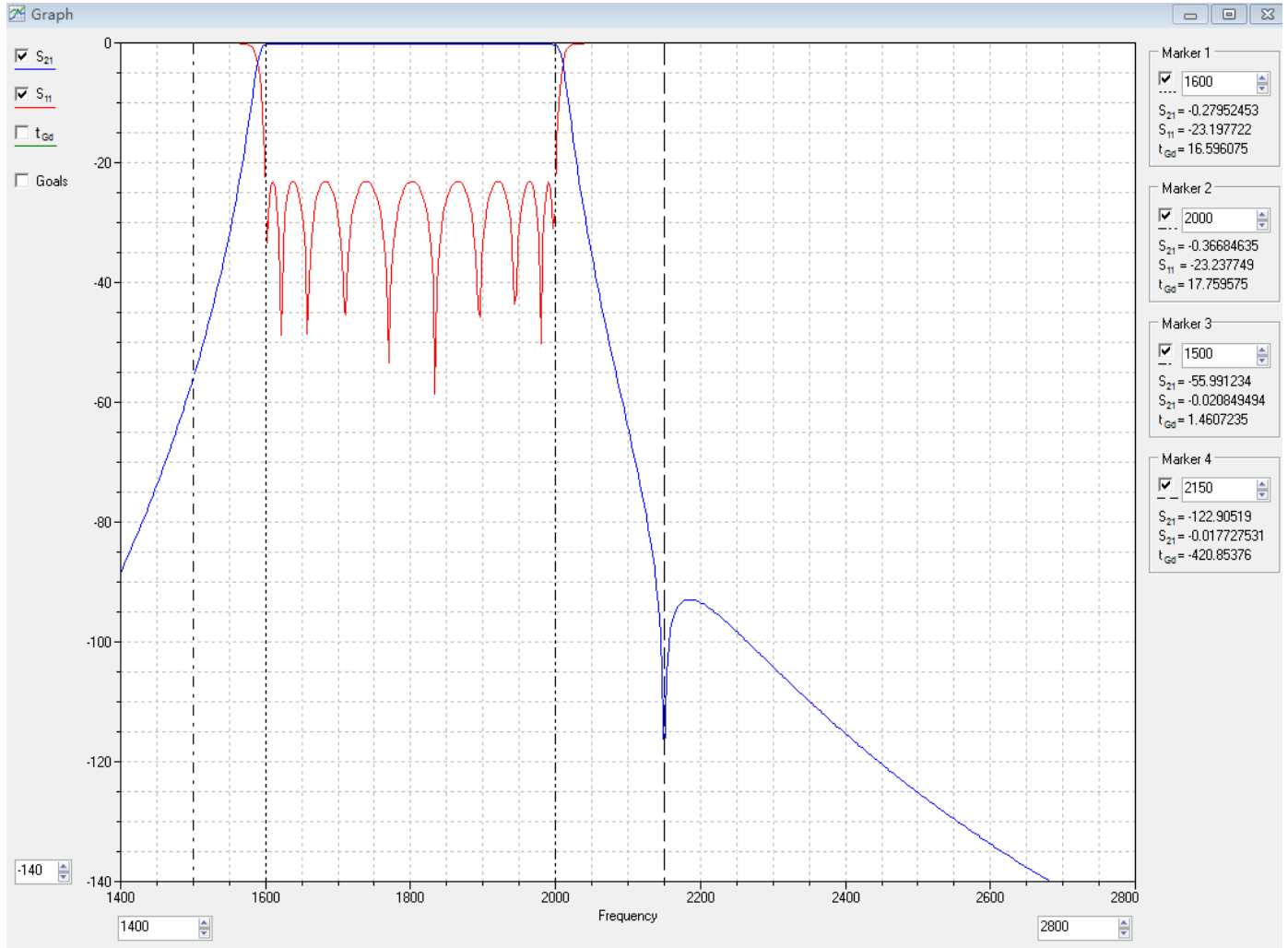
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Response Plot-1:





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Response Plot-2:

