



451.625-452.625 MHz / 460.775-462.775 MHz
Cavity Duplexer



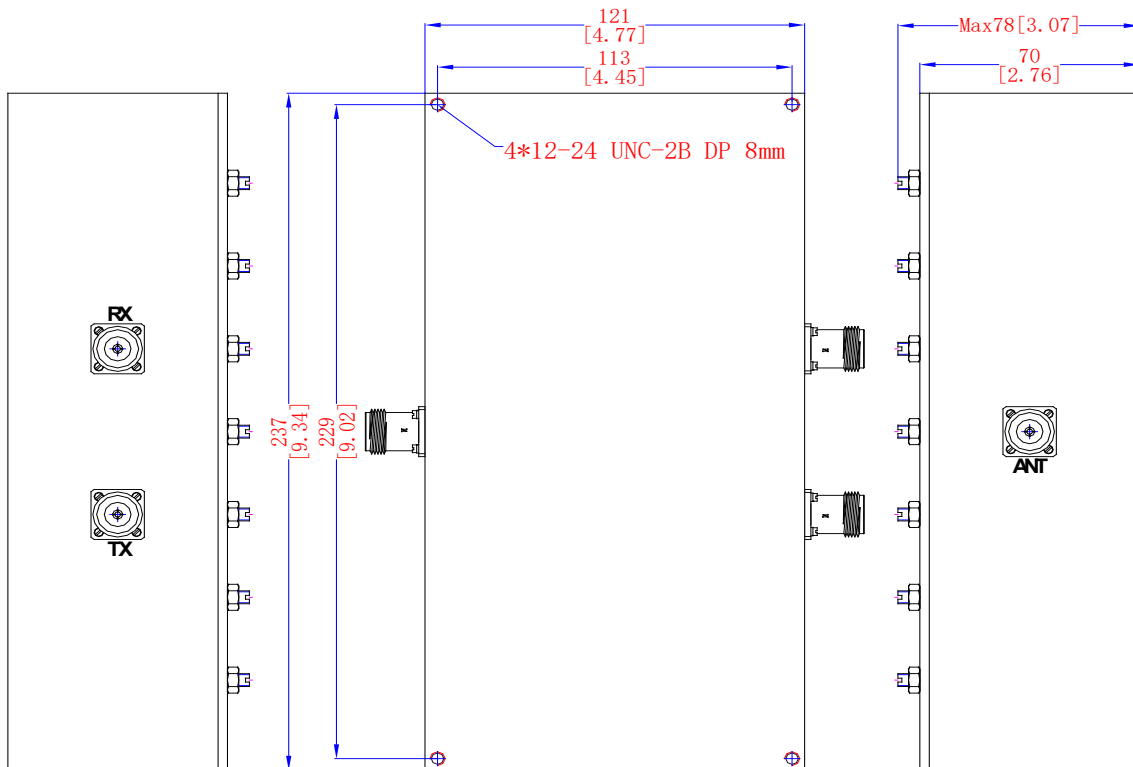
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE452-461DB5484

<u>Characteristics</u>	<u>Band 1(RX)</u>	<u>Band 2(TX)</u>
Passband:	451.625-452.625 MHz	460.775-462.775 MHz
Bandwidth:	1 MHz	2 MHz
Return Loss:	14 dB Min.	14 dB Min.
Insertion Loss:	1.1 dB Max.	1.1 dB Max.
Isolation:	70 dB Min.	70 dB Min.
Power Handling:	70 Watts	70 Watts
Input / Output Impedance:	50 Ohms	50 Ohms

<u>Mechanical</u>	
Mounting Method:	Threaded Holes
Connector Type:	N-Type (F)
Dimensions:	9.34 x 4.77 x 3.07 in.
Dimensions (mm):	237 X 121 X 78 mm.
<u>Environmental</u>	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-55 to +85 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.