



456.625-458.625 MHz / 465.775-467.775 MHz
Cavity Duplexer

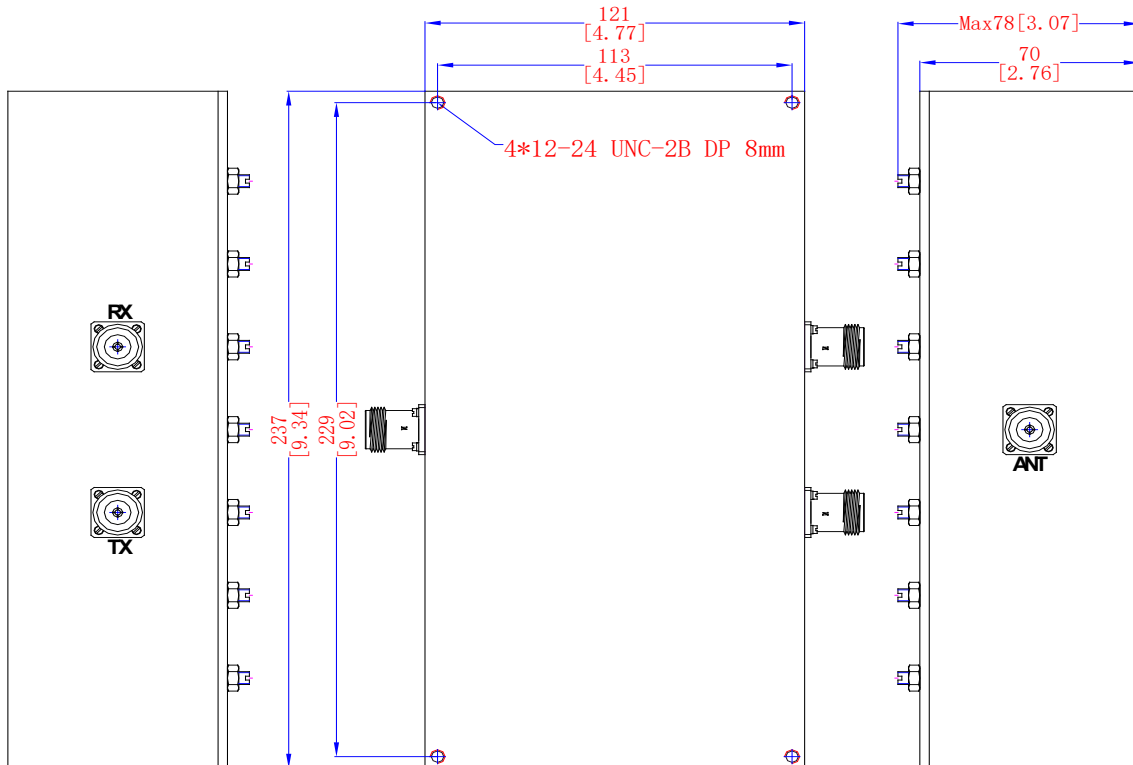


ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE457-466DB5483

<u>Characteristics</u>	<u>Band 1(RX)</u>	<u>Band 2(TX)</u>	<u>Mechanical</u>	
Passband:	456.625-458.625 MHz	465.775-467.775 MHz	Mounting Method:	Threaded Holes
Bandwidth:	2 MHz	2 MHz	Connector Type:	N-Type (F)
Return Loss:	14 dB Min.	14 dB Min.	Dimensions:	9.34 x 4.77 x 3.07 in.
Insertion Loss:	1.1 dB Max.	1.1 dB Max.	Dimensions (mm):	237 X 121 X 78 mm.
Isolation:	70 dB Min.	70 dB Min.	<u>Environmental</u>	
Power Handling:	70 Watts	70 Watts	Operating Temperature:	-40 to +70 deg.C
Input / Output Impedance:	50 Ohms	50 Ohms	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.