



LTE Band 26/Extended Cellular Band Cavity Duplexer



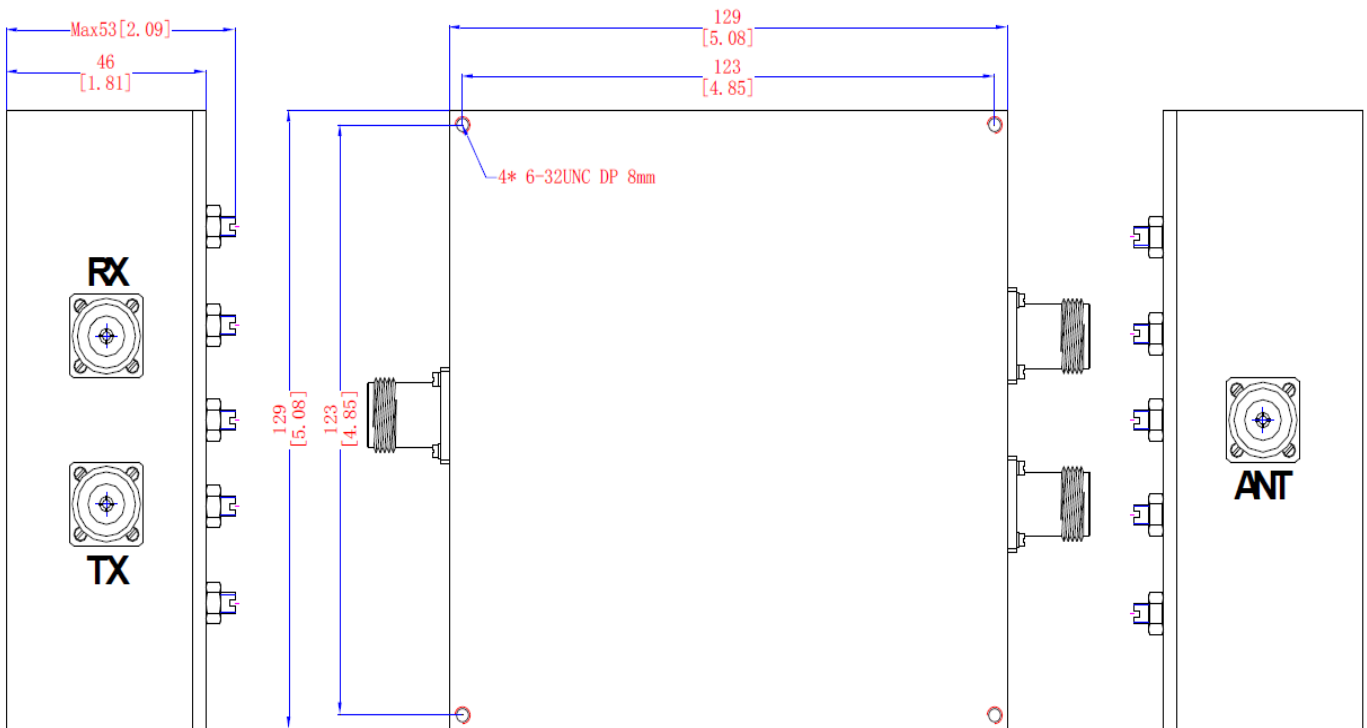
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE831-876DB5475

<u>Characteristics</u>	<u>Band 1(RX)</u>	<u>Band 2(TX)</u>
Passband:	814-849 MHz	859-894 MHz
Bandwidth:	35 MHz	35 MHz
Passband Return Loss:	14 dB Min.	14 dB Min.
Passband Insertion Loss:	1.5 dB Max.	1.5 dB Max.
Isolation:	≥70 dB	≥70 dB
Power Handling:	50 Watts	50 Watts
Input / Output Impedance:	50 Ohms	50 Ohms

<u>Mechanical</u>	
Mounting Method:	6-32 Threaded Holes
Connector Type:	N-Type (F)
Dimensions:	129 x 129 x 46 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.