



1241-1282 MHz / 1694-1735 MHz Cavity Duplexer



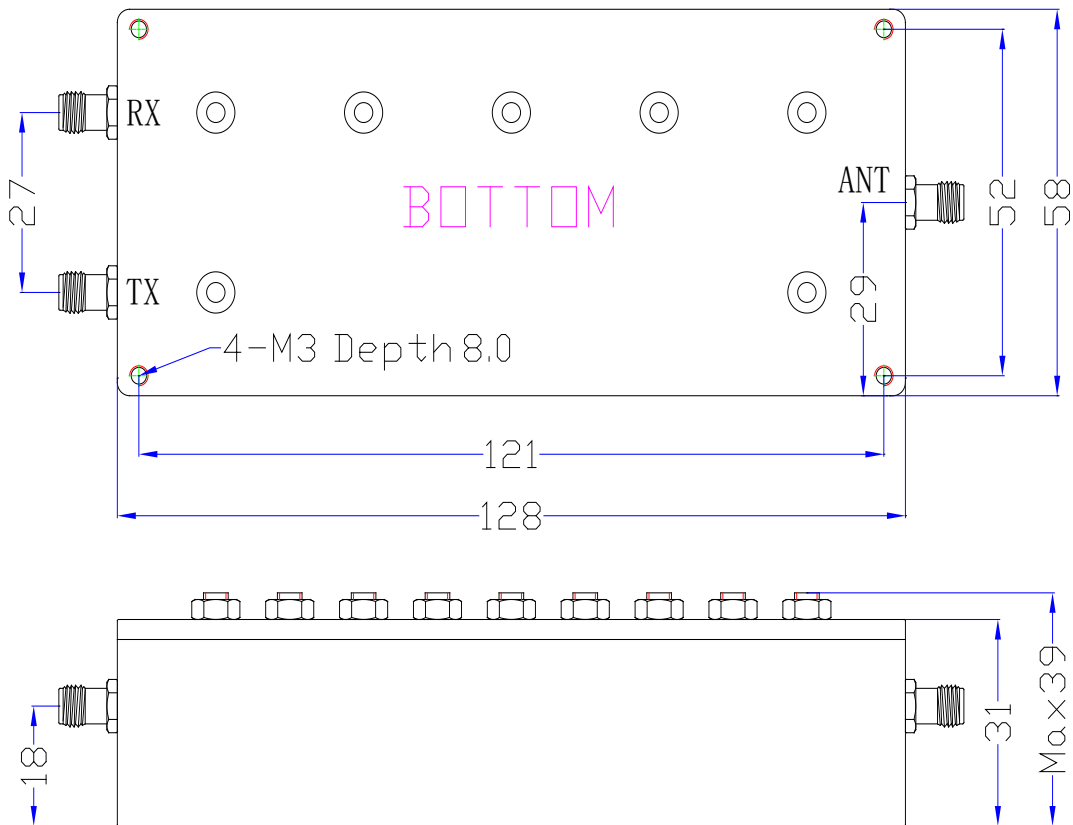
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Part Number: AE1261-1714DB5471

<u>Characteristics</u>	<u>Band 1 (Rx)</u>	<u>Band 2 (Tx)</u>
Frequency range:	1241-1282 MHz	1694-1735 MHz
Insertion loss:	≤1.0 dB	≤1.0 dB
Return loss:	≥17 dB	≥17 dB
Rejection:	≥50 dB@1518-1735 MHz	≥50 dB 1241-1559 MHz
Power Handling:	20 Watts	
Impedance:	50 Ohms	

<u>Mechanical</u>	
Mounting Method:	Threaded Mounting Holes
Connector Type:	SMA (F)
Dimensions:	128 x 58 x 31 mm
<u>Environmental</u>	
Operating Temperature:	-30 to +70 deg.C
Storage Temperature:	-40 to +80 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.