



# 4390-4750 MHz / 4900-5260 MHz Cavity Duplexer



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

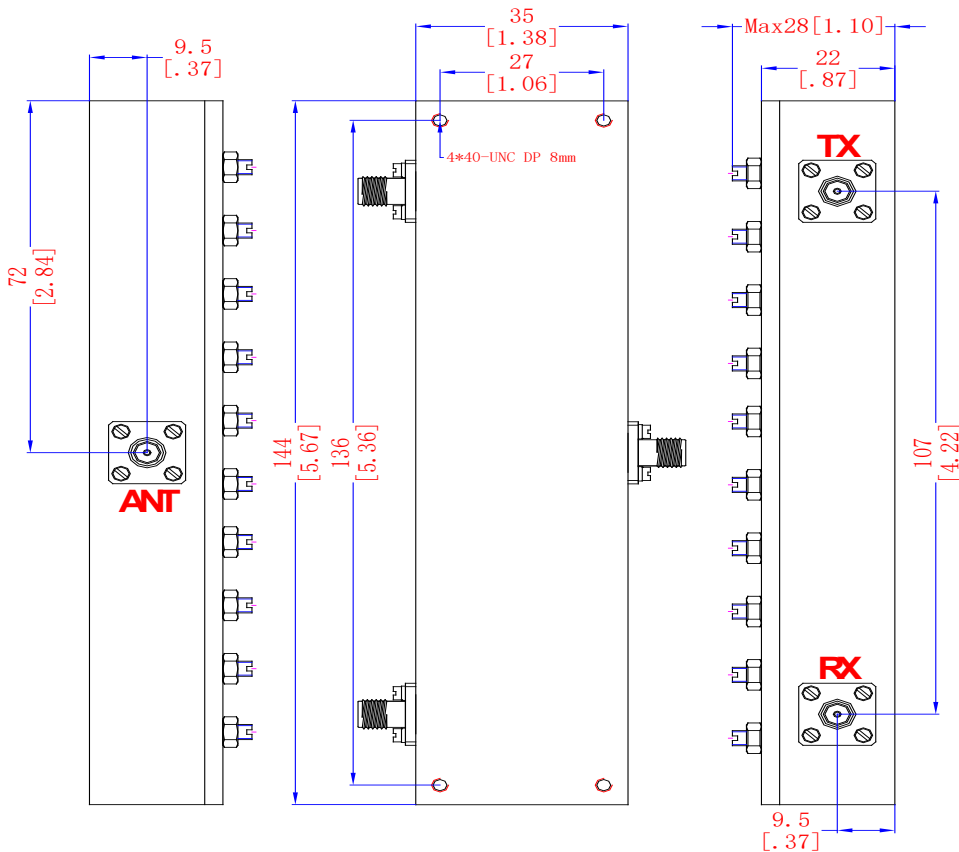
**Part Number: AE4570-5080DB5468**

Characteristics	Band 1 (RX)	Band 2(TX)
Passband:	4390-4750 MHz	4900-5260 MHz
Bandwidth:	360 MHz	360 MHz
Insertion Loss:	≤ 1.0dB	≤ 1.0dB
Return Loss:	≥ 15dB	≥ 15 dB
Passband Ripple:	≤ 0.2 dB	≤ 0.2 dB
Isolation:	≥ 70dB	≥ 70dB
Input / Output Impedance:	50 Ohms	50 Ohms
Power Handling:	50 Watts	50 Watts

Mechanical	
Mounting Method:	4-40 Threaded Holes
Connector Type:	SMA (F)
Dimensions:	5.67x 1.38 x 1.1 inches

Environmental	
Operating Temperature:	-40 to +70deg.C
Storage Temperature:	-50 to +85deg.C

## Outline Drawing:



2 decimal places: +/-0.01 inches [+/- 0.3mm]  
3 decimal places: +/- 0.005 inches [+/- 0.13mm]  
Angles: +/- 1 Deg.

*When max dimensions are called out the above tolerances do not apply as long as it is under the max call out.*