



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

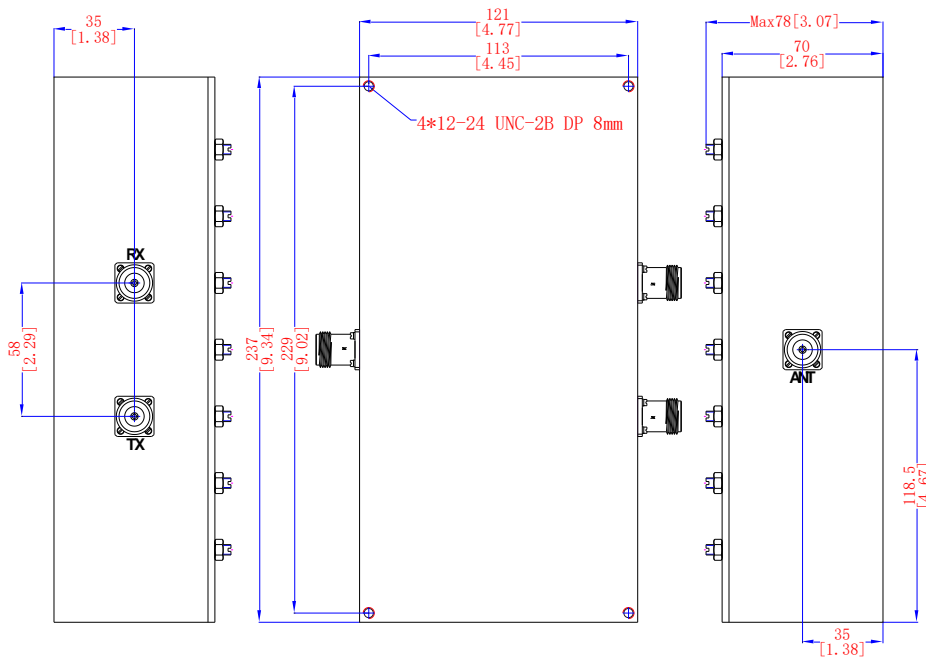
457.2-458.65 / 467.2-468.65 MHz Cavity Duplexer

Part Number: AE458-468DB5516



<u>Characteristics</u>	<u>Band 1 (RX)</u>	<u>Band 2 (TX)</u>	<u>Mechanical</u>	
Passband:	457.2-458.65 MHz	467.2-468.65 MHz	Mounting Method:	12-24 UNC Threaded Mounting Holes
Passband Return Loss:	>=15 dB	>=15 dB	Connector Type:	N-Type (F)
Passband Insertion Loss:	<= 1.5 dB	<= 1.5 dB	Dimensions:	9.34" x 4.77" x 3.07"(max) 229 x 121 x 78(max) mm
Passband Ripple:	0.2 dB max	0.2 dB max	Environmental	
Input / Output Impedance:	50 Ohms	50 Ohms	Operating Temperature:	-50 to +80 deg.C
Isolation between Bands	>70 dB	>70 dB	Storage Temperature:	-65 to +90deg.C
Power Handling:	70 Watt	70 Watt	Shock:	20 G. 11 ms
			Vibration:	20 G. 5 to 200 Hz

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.