



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

**410-415 MHz / 420-425 MHz
Cavity Diplexer
Part Number: AD412-422D224**

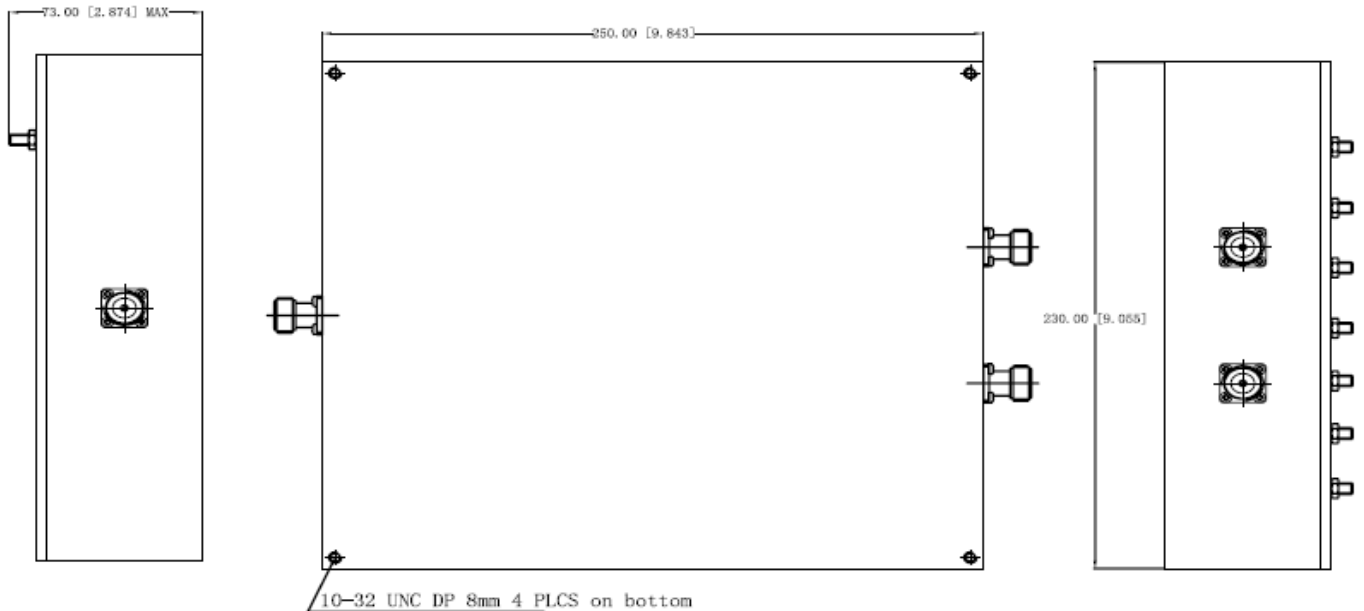


<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
Passband:	410-415 MHz	420-425 MHz
Bandwidth:	5 MHz	5 MHz
Passband Return Loss:	20 dB	20 dB
Passband Insertion Loss:	< 1.2 dB	< 1.2 dB
Passband Ripple:	0.2 dB	0.2 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	> 80 dB	> 80 dB
Power Handling:	100 Watts	100 Watts

<u>Mechanical</u>	
Mounting Method:	10-32 Threaded Mounting Holes
Connector Type:	Type-N (F)
Dimensions:	250 x 230 x 73 mm

<u>Environmental</u>	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C

Outline Drawing:





Response Plots:

