



# 0-450 MHz / 900-2100 MHz Cavity Diplexer



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

**Part Number: AE225-1500DB5324**

<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	0-450 MHz	900-2100 MHz
<b>Bandwidth:</b>	450 MHz	1200 MHz
<b>Passband Insertion Loss:</b>	≤ 0.5dB	≤ 0.5dB
<b>Passband Return Loss:</b>	≥ 20dB	≥ 20dB
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Isolation:</b>	≥ 40 dB	≥ 40 dB
<b>Power Handling:</b>	0.2 Watt	0.2 Watt

<u>Mechanical</u>	
<b>Mounting Method:</b>	Threaded Mounting Holes
<b>Connector Type:</b>	SMA (F)
<b>Dimensions:</b>	2.0x 1.5 x 0.75 inches.

<u>Environmental</u>	
<b>Operating Temperature:</b>	-40 to +70 deg.C
<b>Storage Temperature:</b>	-50 to +85 deg.C

## Outline Drawing:

