



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

# 2300 MHz / 4700 MHz Cavity Duplexer

**Part Number: AE2300-4700DB5465**



<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	2200-2400 MHz	4400-5000 MHz
<b>Bandwidth:</b>	200 MHz	600 MHz
<b>Passband Insertion Loss:</b>	≤ 1.0dB	≤ 1.0dB
<b>Passband Return Loss:</b>	≥ 14dB	≥ 14dB
<b>Isolation:</b>	≥ 75dB	≥ 75dB
<b>Power Handling:</b>	20W	
<b>Port Sign:</b>	Port 1: ANT; Port 2:Rx ; Port 3: Tx	

<u>Mechanical</u>	
<b>Connector Type:</b>	SMA(F)
<b>Dimensions:</b>	3.47 x 2.13 x 1.18 inches.

<u>Environmental</u>	
<b>Operating Temperature:</b>	-40 to +70 deg.C
<b>Storage Temperature:</b>	-55 to +85 deg.C
<b>Shock:</b>	20G .11ms

## Outline Drawing:

