



# 1950 MHz/2140 MHz Cavity Duplexer

## Part Number: AD1950-2140D427

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



<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	1920-1980MHz	2110-2170MHz
<b>Bandwidth:</b>	60 MHz	60 MHz
<b>Passband Return Loss:</b>	≥20dB	≥20dB
<b>Passband Insertion Loss:</b>	≤0.3dB	≤0.3dB
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Rejection:</b>	≥60dB@2110~2170MHz	≥60dB@1920~1980MHz
<b>Power Handling:</b>	50W	50W
<b>IMD:</b>	140dBc	140dBc

<u>Mechanical</u>	
<b>Connector Type:</b>	N-Type (F)
<b>Dimensions:</b>	6.30 x 3.23 x 1.30 inches

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

### Outline Drawing:

