



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

# 1920-1930 MHz / 2110-2120 MHz Cavity Duplexer

**Part Number: AD1925-2115D446**



<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	1920-1930 MHz	2110-2120 MHz
<b>Bandwidth:</b>	10 MHz	10 MHz
<b>Passband Return Loss:</b>	≥20 dB	≥20 dB
<b>Passband Insertion Loss:</b>	≤0.6 dB	≤0.5 dB
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Isolation:</b>	≥60 dB	≥60 dB
<b>Power Handling:</b>	100 W	100 W
<b>Intermodulation (3<sup>rd</sup> order):</b>	140 dBc @ 2 x 20 W	140 dBc @ 2 x 20 W

<u>Mechanical</u>	
<b>Mounting Method:</b>	Threaded Mounting Holes
<b>Connector Type:</b>	DIN (F)
<b>Dimensions:</b>	142 x 123 x 39 mm

<u>Environmental</u>	
<b>Operating Temperature:</b>	-40 to +65 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C
<b>Relative Humidity:</b>	0-95%
<b>Weather Sealing:</b>	IP65

## Outline Drawing:

