



# 400-406 MHz / 450-460 MHz Cavity Diplexer



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

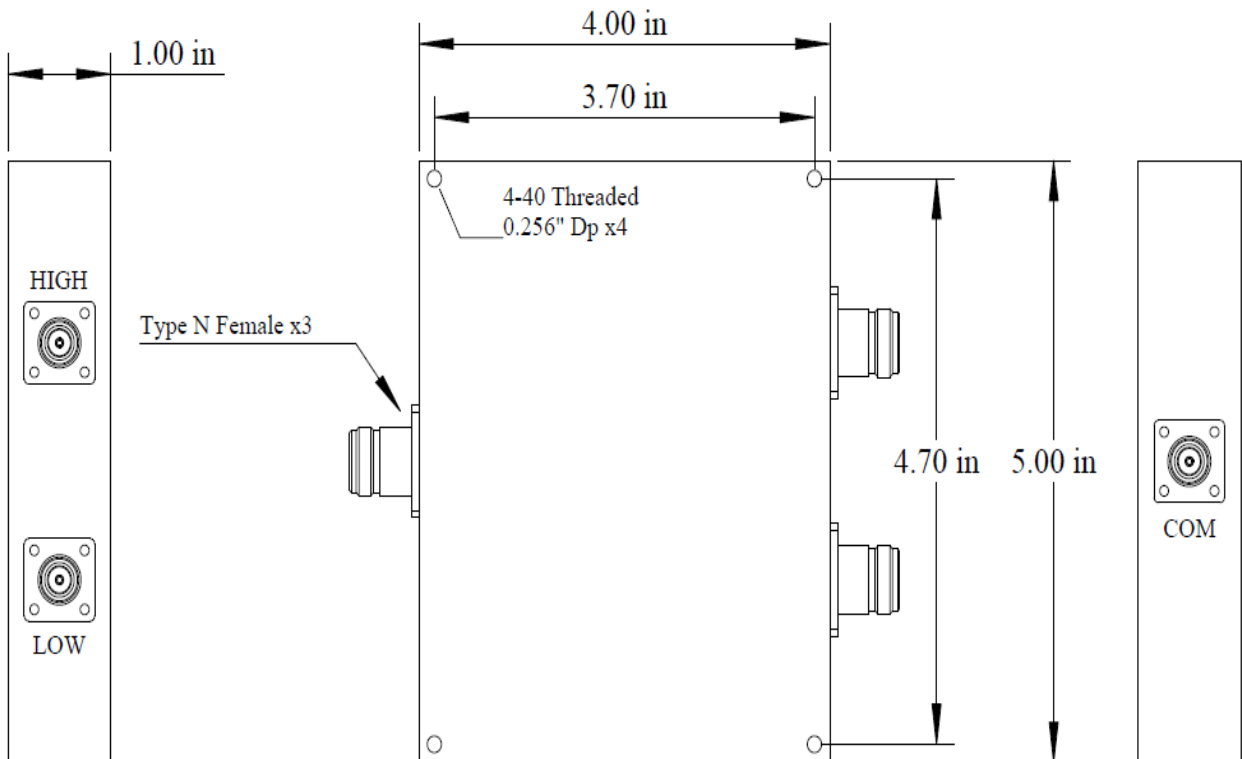
**Part Number: AE403-455DB5463**

<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	400-406 MHz	450-460 MHz
<b>Bandwidth:</b>	6 MHz	10 MHz
<b>Passband Insertion Loss:</b>	≤ 1.0dB	≤ 1.0dB
<b>Passband Return Loss:</b>	≥ 14dB	≥ 14dB
<b>Isolation:</b>	>85dB	>85dB
<b>Power Handling:</b>	100 Watts	100 Watts

<u>Mechanical</u>	
<b>Connector Type:</b>	N-type(F)
<b>Dimensions:</b>	5.0x 4.0 x 1.0 inches.

<u>Environmental</u>	
<b>Operating Temperature:</b>	-40 to +80 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

## Outline Drawing:





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**Response Plot:**

RFQ-20190219-DUPLEXER

