



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

**1710-1785 MHz / 1805-1880 MHz  
Cavity Duplexer**

**Part Number: AD1747-1842D335**

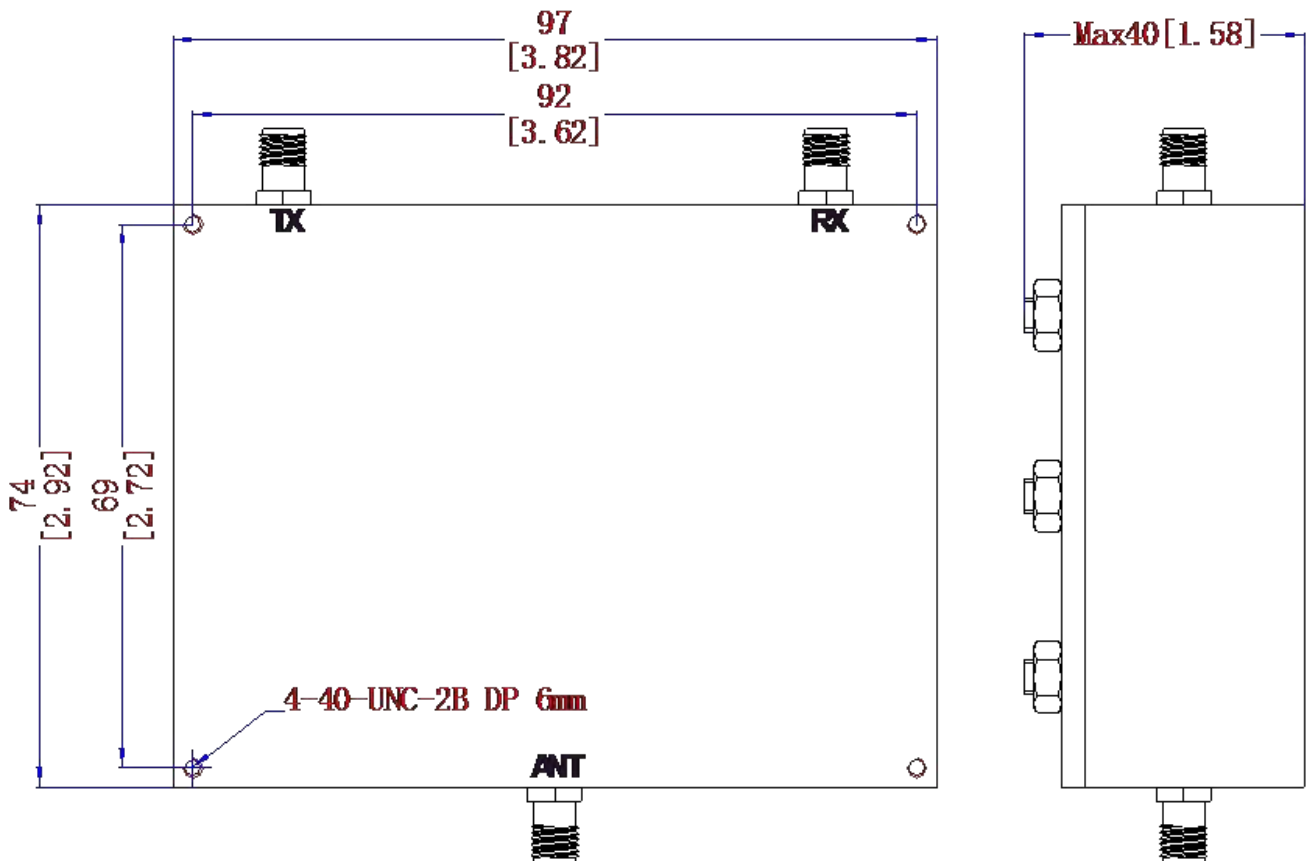


Characteristics	Rx Band	Tx Band
Passband:	1710-1785 MHz	1805-1880 MHz
Bandwidth:	75 MHz	75 MHz
Passband Return Loss:	≥ 14 dB	≥ 14 dB
Passband Insertion Loss:	≤ 1.2 dB	≤ 1.2 dB
Passband Ripple:	≤ 0.8 dB	≤ 0.8 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	≥ 50 dB	≥ 50 dB
Power Handling:	50 Watts	50 Watts

Mechanical	
Mounting Method:	4-40 Threaded Mounting Holes
Connector Type:	SMA (F)
Dimensions:	97 x 74 x 40mm

Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C

**Outline Drawing:**





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**Response Plot:**

