



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1710-1785 MHz / 1805-1880 MHz Cavity Duplexer

Part Number: AD1747-1842D335-N

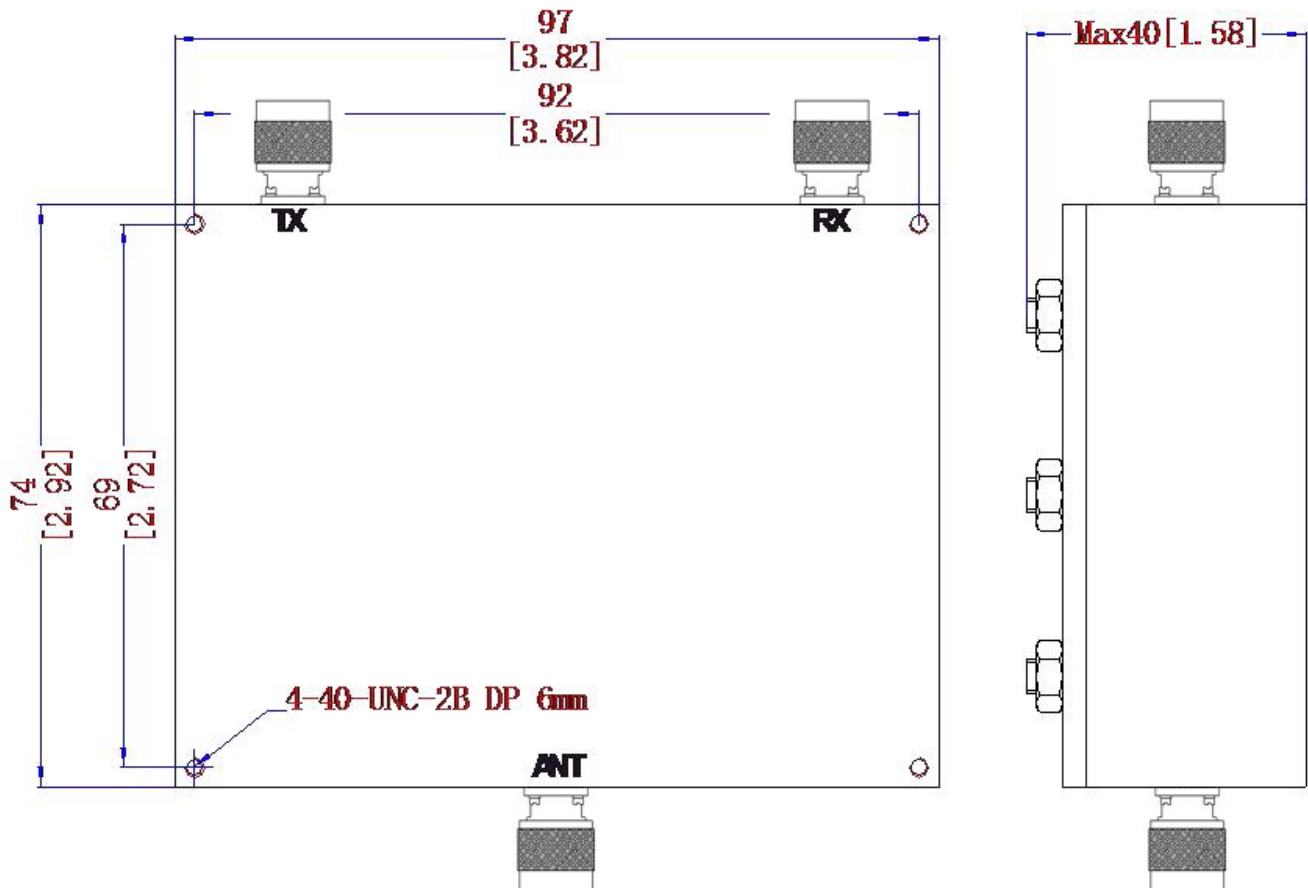


Characteristics	Band 1	Band 2
Passband:	1710-1785 MHz	1805-1880 MHz
Bandwidth:	75 MHz	75 MHz
Passband Insertion Loss:	≤ 1.2 dB	≤ 1.2 dB
Passband Return Loss:	≥ 14 dB	≥ 14 dB
Rejection	DC-1575MHz=>50dB	DC-1785MHz=>50dB
	1805-4000MHz=>50dB	2030-4000MHz=>50dB
Passband Ripple:	≤ 0.8 dB	≤ 0.8 dB
Isolation:	≥ 50 dB	≥ 50 dB
Power Handling:	25 Watts	25 Watts

Mechanical	
Mounting Method:	4-40 Threaded Mounting Holes
Connector Type:	N-Type (F)
Dimensions:	3.82 x 2.92 x 1.58 in.

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

Outline Drawing:





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Response Plot:

