



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

# 925-960 MHz / 1805-1910 MHz Cavity Duplexer

**Part Number: AD942-1857D1034**

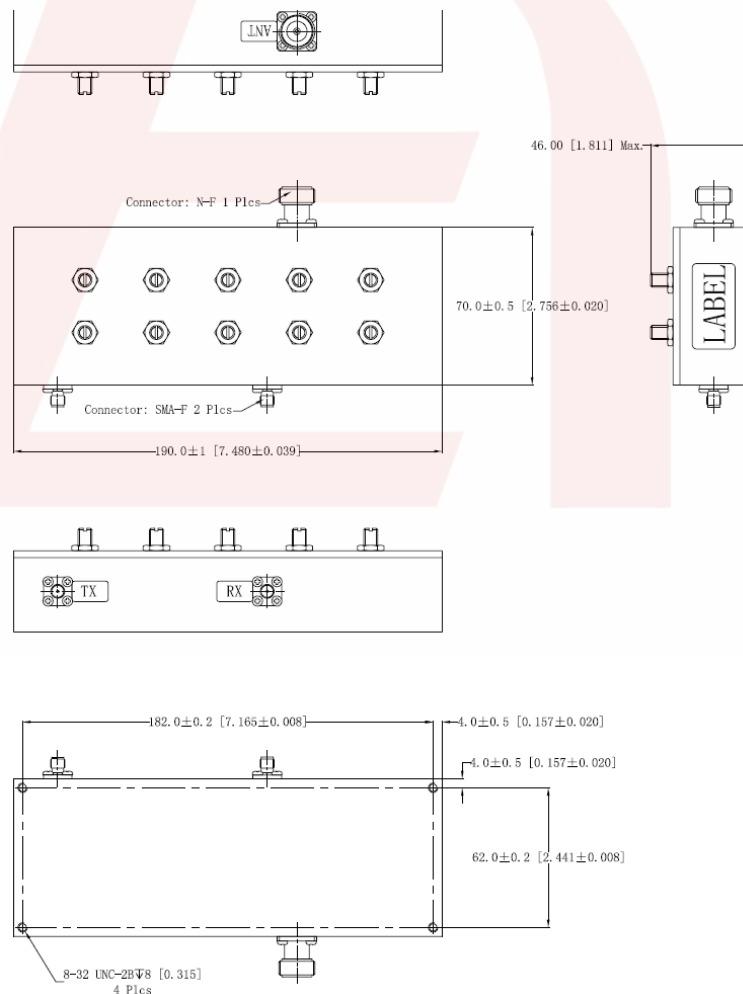


Characteristics	Band 1	Band 2
Passband:	925-960 MHz	1805-1910 MHz
Bandwidth:	35 MHz	105 MHz
Passband Return Loss:	16 dB	16 dB
Passband Insertion Loss:	1 dB	1 dB
Passband Ripple:	0.2 dB	0.2 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	50 dB	50 dB
Power Handling:	50 Watts	50 Watts

Mechanical	
Mounting Method:	8-32 Threaded Mounting Holes
Connector Type:	SMA & N-Type (F)
Dimensions:	190 70x 46mm

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

## Outline Drawing:

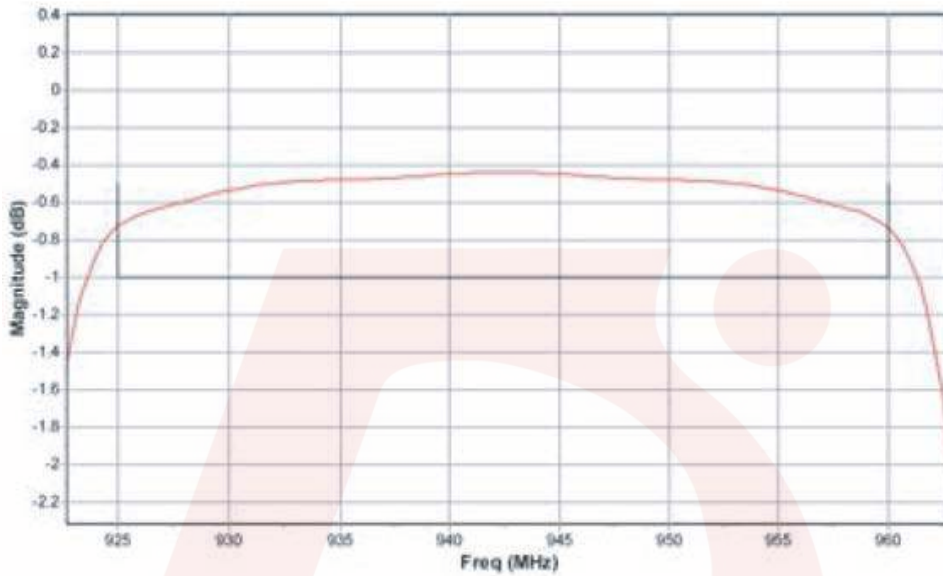


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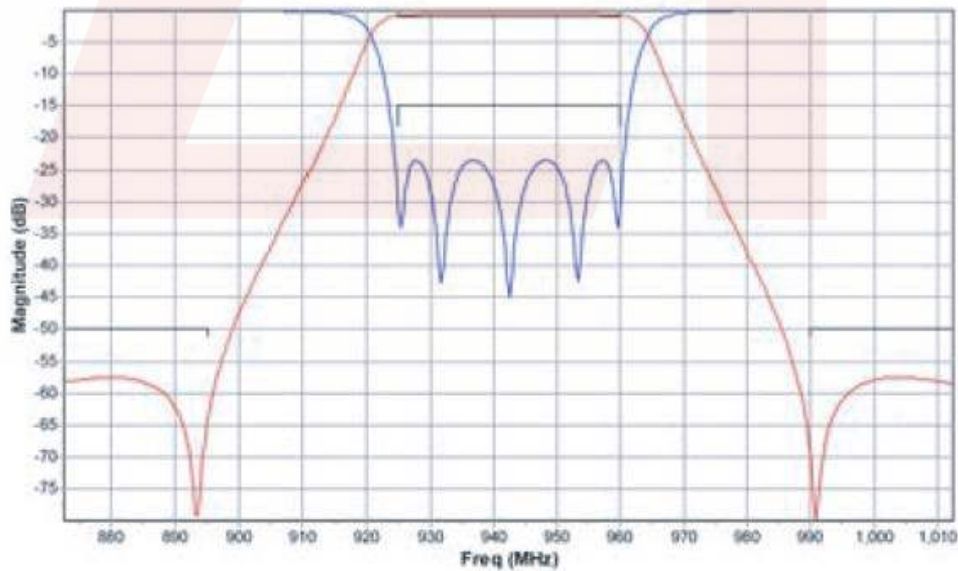


**Response Plot:**

**RX Insertion Loss:**



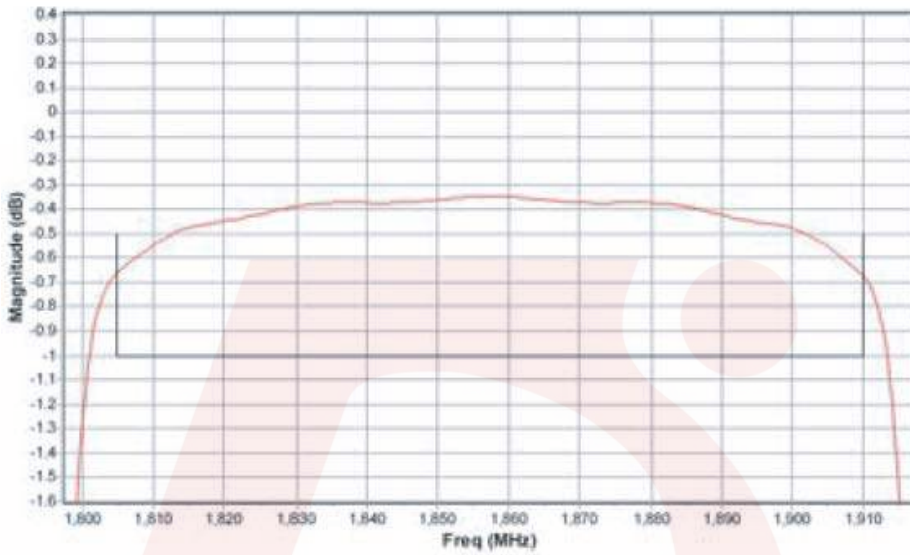
**RX Rejection:**





### Response Plot:

#### Tx Insertion Loss:



#### TX Rejection

