



# 1215.6-1239.6 MHz / 1563.42-1587.42 MHz Cavity Duplexer

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

**Part Number: AD1227-1575C102**

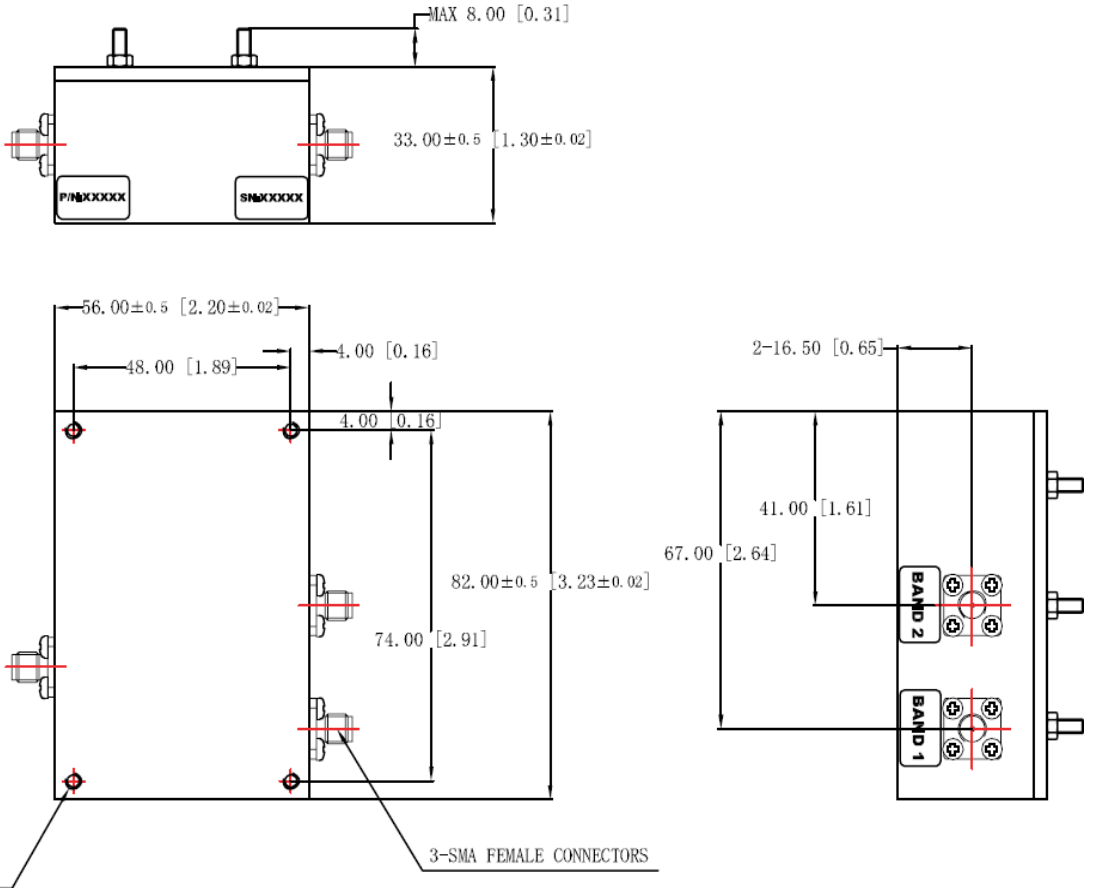


Characteristics	Band 1	Band 2
Passband:	1215.6-1239.6 MHz	1563.42-1587.42 MHz
Bandwidth:	24 MHz	24 MHz
Passband Return Loss:	15 dB	15 dB
Passband Insertion Loss:	< 1 dB	< 1 dB
Passband Ripple:	0.2 dB	0.2 dB
Input / Output Impedance:	50 Ohms	50 Ohms
Isolation:	20 dB	60 dB
Power Handling:		25 watts max.

Mechanical	
Mounting Method:	6-32 Threaded Mounting Holes
Connector Type:	3-SMA (F)
Dimensions:	82 x 56 x 41 mm

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

### Outline Drawing:



6 32 UNC x 3.00 (0.118") DP 4 PICS



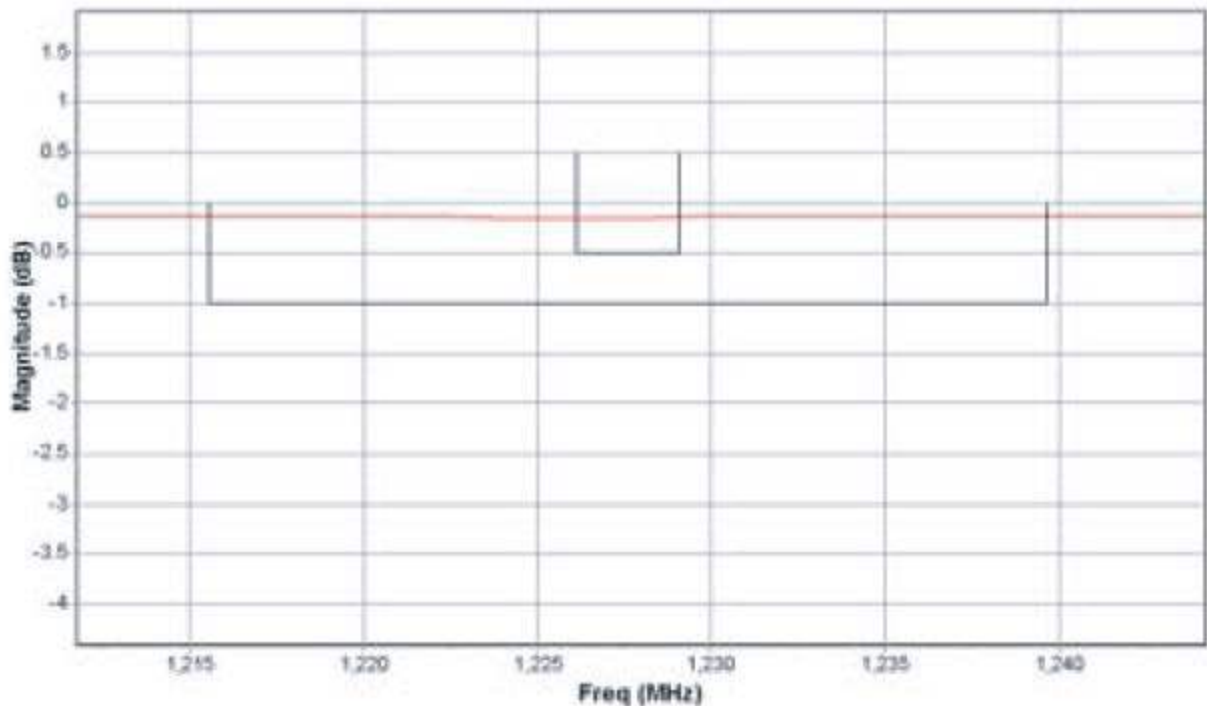
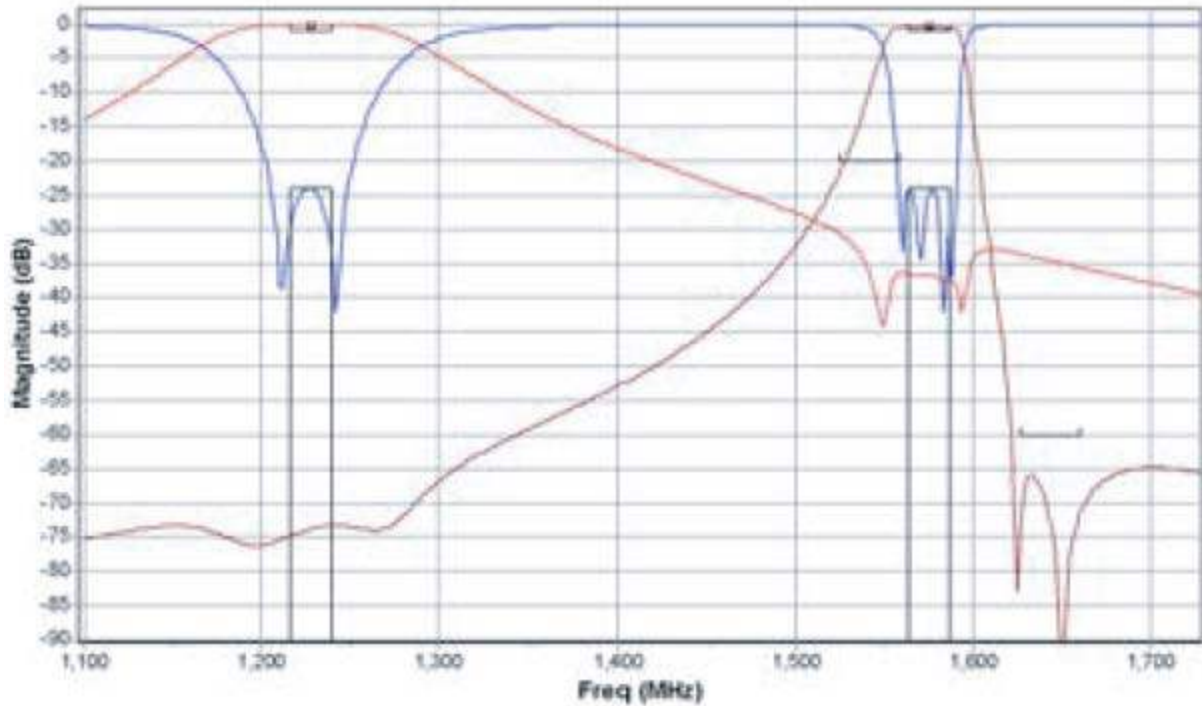
1215.6-1239.6 MHz / 1563.42-1587.42 MHz  
Cavity Duplexer

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

**Part Number: AD1227-1575C102-D**



### Response Plots:





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

**1215.6-1239.6 MHz / 1563.42-1587.42 MHz**  
**Cavity Duplexer**

**Part Number: AD1227-1575C102-D**



**Response Plot:**

