



3412.5-3462.5 MHz / 3512.5-3562.5

**Cavity Duplexer**

**Part Number: AD3437-3537D251**



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

Characteristics	Band 1 (Rx)	Band 2 (Tx)
<b>Frequency:</b>	3437.5 MHz	3537.5 MHz
<b>Bandwidth:</b>	50 MHz	50 MHz
<b>Insertion loss:</b>	1.0 dB	1.0 dB
<b>Return loss:</b>	15 dB	15 dB
<b>Ripple:</b>	0.5 dB	0.5 dB
<b>Attenuation:</b>	40 dB@2500 MHz 35 dB@(RxFc+/-25)-121 MHz 50 dB@(RxFc+/-25)-484 MHz 50 dB@(rxFc+/-25)+100 MHz 40 dB@4-10.5 GHz	40 dB@2500 MHz 15 dB@TxFc+/-46 MHz 50 dB@(TxFc+/-25)-240 MHz 50 dB@(TxFc+/-25)-480 MHz 80dB@(Txfc+/-25)-100 MHz 40 dB@4-10.5 GHz

Mechanical	
<b>Mounting Method:</b>	Threaded Mounting Holes
<b>Connector Type:</b>	SMA (F)
<b>Dimensions:</b>	7.00" x 3.25" x 1.25" in

Environmental	
<b>Operating Temperature:</b>	-40 to +70 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

**Outline drawing:**

