



# 3.5 GHz Cavity Duplexer

**Part Number: AD3437-3537D250**



Characteristics	Band 1 (Rx)	Band 2 (Tx)	Mechanical	
Frequency:	3437.5 MHz	3537.5 MHz	Mounting Method:	Threaded Mounting Holes
Bandwidth:	25 MHz	25 MHz	Connector Type:	SMA (F)
Insertion loss:	1.0 dB	1.0 dB	Dimensions:	7.00" x 4.20" x 1.25" in
Return loss:	15 dB	15 dB	<b>Environmental</b>	
Ripple:	0.5 dB	0.5 dB	Operating Temperature:	-40 to +70 deg.C
Attenuation:	40 dB@2500 MHz	40 dB@2500 MHz	Storage Temperature:	-50 to +90 deg.C
	35 dB@(RxFc+/-12.5)-121 MHz	15 dB@TxFc+/-23 MHz		
	50 dB@(RxFc+/-12.5)-484 MHz	50 dB@(TxFc+/-12.5)-240 MHz		
	50 dB@(rxFc+/-12.5)+100 MHz	80 dB@(TxFc+/-12.5)+100 MHz		
	40 dB@4-10.5 GHz	40 dB@4-10.5 GHz		

## Outline drawing:

