



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

**806-894 MHz / 902-960 MHz
Multi-Operator Combiner
Part Number: AD850-931D194**

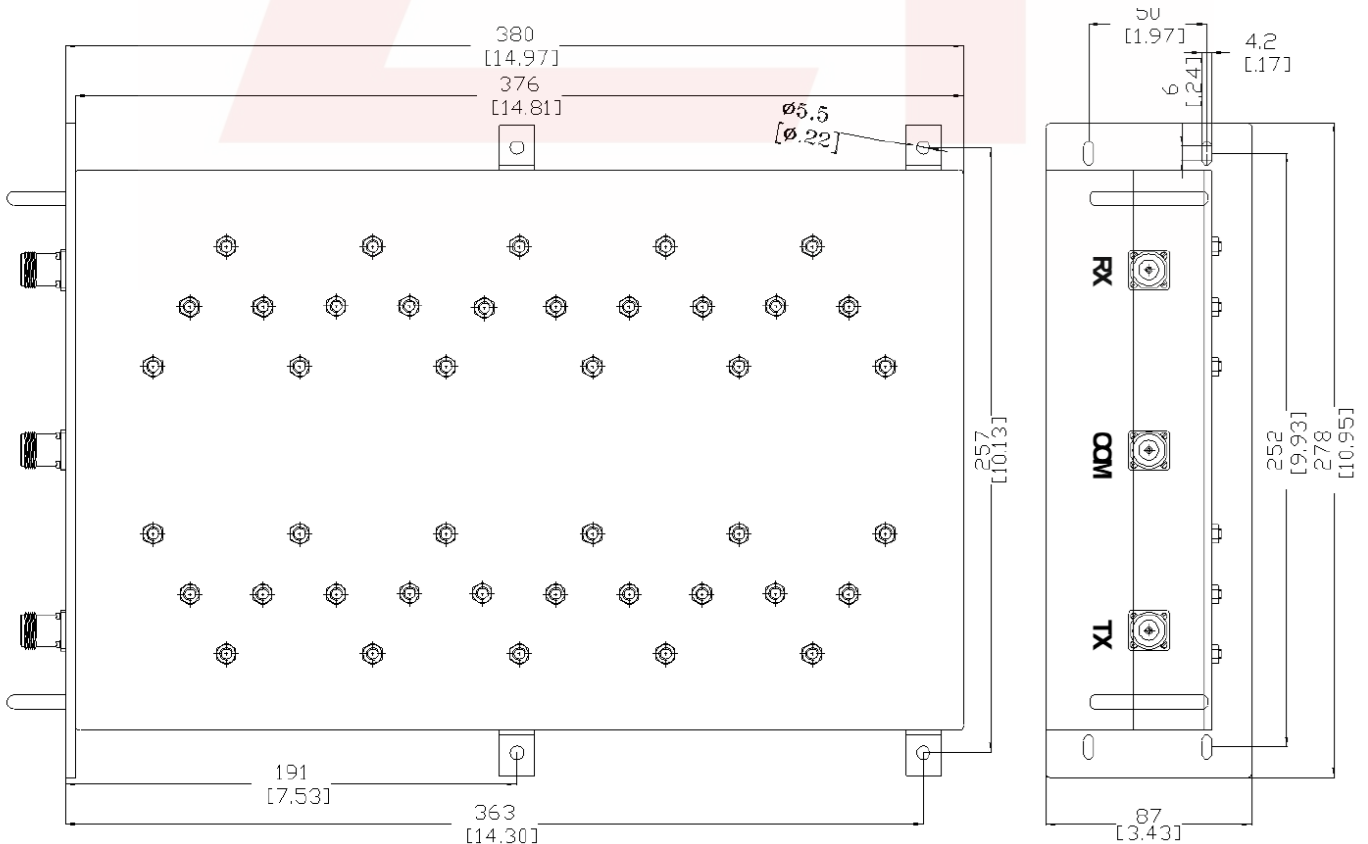


Characteristics	Band 1 (Rx)	Band 2 (Tx)
Frequency Range:	806-894MHz	902-960MHz
Insertion loss:	1.0 dB @ 809-891MHz	1.0 dB Max
Insertion loss:	1.5 dB Max @806MHz and 894MHz	
Ripple:	0.8 dB Max @ 809-891MHz	0.8 dB Max
Ripple:	1.0 dB Max @806MHz and 894MHz	
Return loss:	18 dB Min	18 dB Min
Isolation:	90 dB @ 902-960MHz	85 dB @ 806-894MHz
Passive Intermodulation (IDM3): 140 dB Max @ 2x43 dBm		
Power Handling (avg):		
GSM port	Band 1 (RX): 200 Watts, Band 2 (TX): 50 Watt	
Common port:	250 Watts	

Mechanical	
Mounting Method:	Threaded Mounting Holes
Connector Type:	N-Type (F)
Dimensions:	14.97 x 10.95 x 3.43 (w/ face plates)

Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C
Shock:	20 G. 11ms
Vibration:	20 G. 5 to 200 Hz

Outline Drawing:



DS-D194-08202015-Rev2

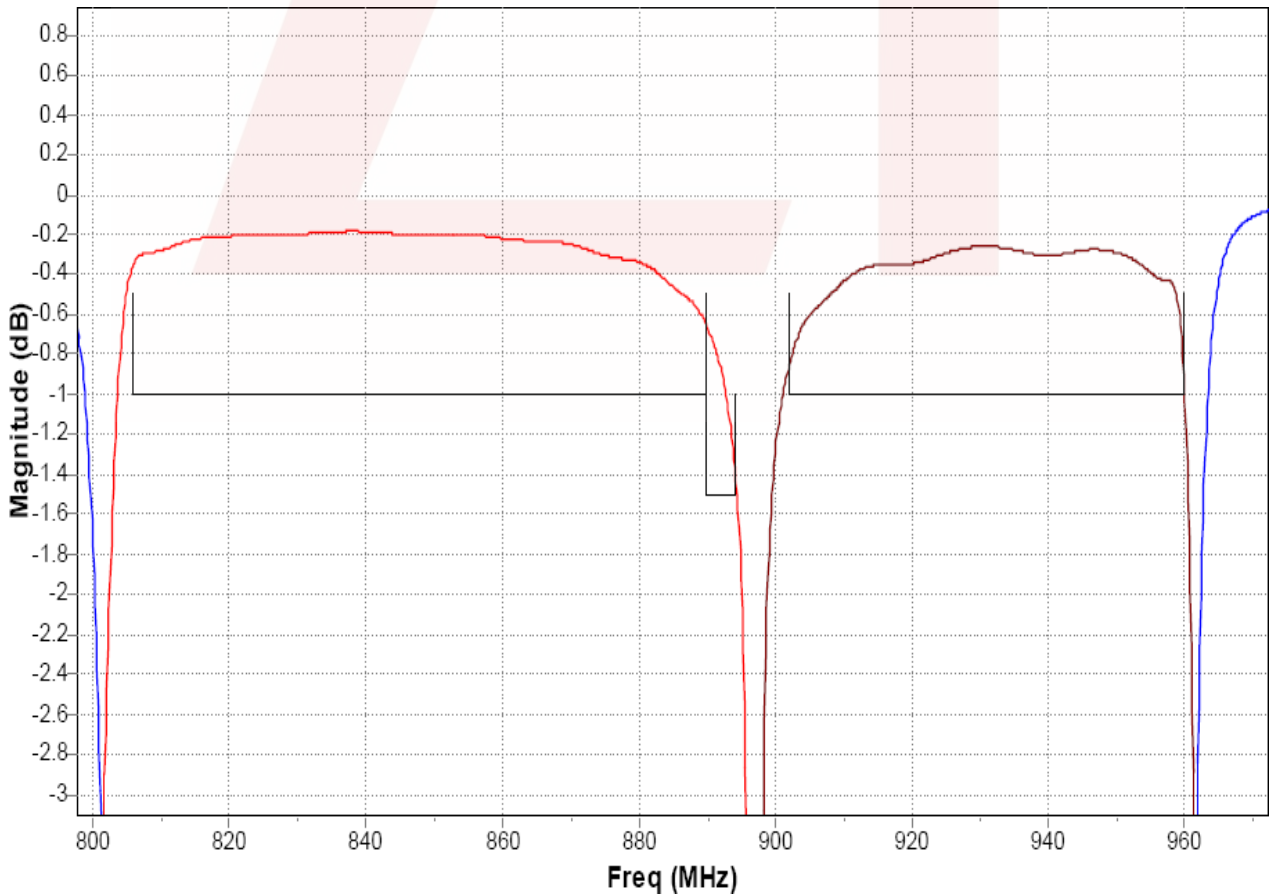
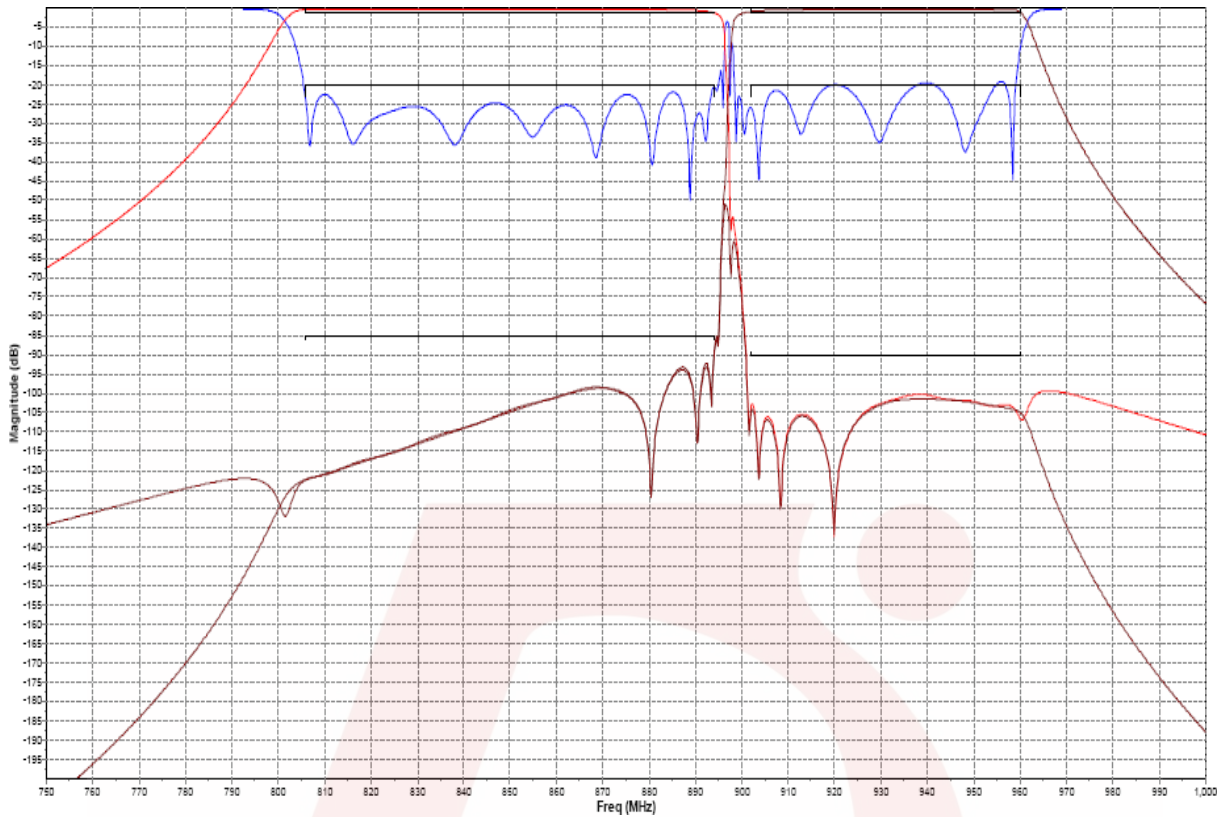


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Response Plots:



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